

Invented for life



Video product overview

September 2022

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THE POWER TO PREDICT

Know what's next

Video
solutions
from Bosch



Imagine when customers can predict unforeseen or future situations

They can prevent things from happening to strengthen the protection of people and property. Or they can uncover business opportunities that create new revenue streams or reduce operational costs. Early on, Bosch understood this market trend and developed solutions to enable customers to make good and efficient use of the rich and versatile visual data of video things. AI-driven video solutions, from Bosch, like intelligent cameras, add sense and structure to captured video footage. Their built-in artificial intelligence enables them to understand what they're seeing and give customers a smart choice to know what's next. AI-driven video solutions from Bosch support predictive analytics by bringing together rich contextual and behavioral information that help customers respond before a potential situation occurs and deliver business intelligence that goes beyond security. Everything we do is designed around our customers' needs, built on trust, and supports sustainable business practices. Our ultimate goal is to give our customers the Power to Predict. So they know what's next.



VSaaS by Bosch

Agile video surveillance solutions, tailored for business

VSaaS by Bosch enables users to monitor, manage, record, and replay video footage directly in the cloud. It helps site managers, security operators, or operations staff make quick decisions when faced with events, preventing them from becoming incidents. The solution is highly flexible and scales with any business.



A true cloud solution



Cameras are the only on-site requirement



Remote management and maintenance



Easy and secure connection



Cloud or edge recording

Future-proof investment



Up to 18,000 cameras per cloud instance



Unlimited number of web clients



Flexible storage size



Pay only what you use

Predictive solution



VSaaS and Bosch IP cameras with built-in AI to support predictive solutions

Convenience



Easy and secure access to video footage from anywhere at any time

Cost-efficiency



Reduced upfront investment

Alarm Management



Alarm-centric solution for efficient intervention

Openness



No vendor lock-in – Bosch cameras keep their benefits when used with other providers



Third-party camera compatibility



Open ecosystem, configuration and integration capabilities

Data security



Certificate based end-to-end security



Regular and automated system updates

Bosch AI-driven Video Solutions

Video analytics is a form of artificial intelligence (AI) built into all Bosch cameras as standard.

We leverage the power of AI to enable users to understand their environment more deeply, so they can respond proactively. And ultimately, predict unforeseen or future situations.

Video Analytics

Essential Video Analytics

Essential Video Analytics is the first step in object detection and data collection. Ideal for general security and safety applications, the software can trigger alerts for applications such as loitering or when a person or object enters a pre-defined field. It is specially tuned for short and mid-range distances.

Intelligent Video Analytics (IVA)

Intelligent Video Analytics (IVA) offers automatic object detection with 16 pre-determined alarm rules and filters, so users can decide what to focus on per scene. It is highly resistant to false triggers caused by challenging weather, such as snow, wind (moving trees), rain, hail, and water reflections.

Introducing: Intelligent Video Analytics Pro (IVA Pro)

New AI technologies like machine learning and deep neural networks have enriched video analytics. With the introduction of our latest cameras, we will offer an expert set of video security analytics called Intelligent Video Analytics Pro (IVA Pro). IVA Pro delivers application-specific packages for advanced intrusion detection in and around buildings, perimeter security, and traffic monitoring, and gathering business insights such as accurately and reliably detecting and counting people and vehicles.

IVA Pro **Buildings** Pack, based on deep learning, is ideal for advanced intrusion detection in and around buildings. It also provides accurate people counting and is easy to use and deploy with no calibration.

IVA Pro **Perimeter** Pack is well-suited for long-distance object detection alongside perimeters, providing reliable alerts even in severe weather and challenging intrusion movements.

IVA Pro **Traffic** Pack, based on deep learning, supports traffic monitoring and people counting applications in busy scenes. The software detects, classifies, and locates vehicle sub-classes including cars, trucks, buses, motorcycles, and bicycles. Data collected provides actionable insights for improving the efficient use of roadways and the safety of people and vehicles in tunnels and highways.

Fixed cameras

Indoor

Essential Video Analytics

Intelligent Video Analytics

Intelligent Video Analytics Pro

**FLEXIDOME
IP micro 3000i**



NDV-3503-Fxx
Up to 5MP

**FLEXIDOME
IP turret 3000i IR**



NTV-350x-FxxL
Up to 5MP

**FLEXIDOME
IP 5000i**



NDI-5503-A
30 fps@5MP

**FLEXIDOME
IP 5000i IR**



NDI-5503-AL
30 fps@5MP, IR

**DINION
IP starlight 7000 HD**



NBN-73013-BA
60 fps@720p,
starlight

**DINION
IP starlight 7000 HD**



NBN-73023-BA
60 fps@1080p,
starlight

**DINION
IP starlight 8000 MP**



NBN-80052-BA
30 fps@5MP,
starlight

**DINION
IP ultra 8000 MP**



NBN-80122-CA
30 fps@UHD

**FLEXIDOME
indoor 5100i**



NDV-5702-A
60 fps@1080p

**FLEXIDOME
IP starlight 5000i**



NDI-5502-A
60 fps@1080p

**FLEXIDOME
IP starlight 5000i IR**



NDI-5502-AL
60 fps@1080p, IR

**DINION
IP starlight 6000 HD**



NBN-63013-B
60 fps@720p,
starlight

**DINION
IP starlight 6000 HD**



NBN-63023-B
60 fps@1080p,
starlight

**FLEXIDOME
panoramic 5100i**



NDS-5703-F360
30 fps@6MP

**FLEXIDOME
panoramic 5100i**



NDS-5704-F360
30 fps@12MP

**FLEXIDOME
IP indoor 8000i**



NDV-8502-R
1080p, HDR

**FLEXIDOME
IP indoor 8000i**



NDV-8503-R
6MP, HDR

**FLEXIDOME
indoor 5100i**



NDV-5703-A
30 fps@5MP

**FLEXIDOME
IP indoor 8000i**



NDV-8504-R
4K UHD, HDR

**FLEXIDOME
IP indoor 8000i**



NDV-8502-RX
1080p, starlight X,
HDR X

**FLEXIDOME
IP indoor 8000i**



NDV-8503-RX
4.1MP, starlight X,
HDR X

**FLEXIDOME
indoor 5100i IR**



NDV-5702-AL
60 fps@1080p, IR

**FLEXIDOME
indoor 5100i IR**



NDV-5703-AL
30 fps@5MP, IR

Fixed cameras

Outdoor

Essential Video Analytics

FLEXIDOME IP turret 3000i (outdoor)



NTE-3503-Fxx
Up to 5MP

FLEXIDOME IP micro 3000i (outdoor)



NDE-3503-Fxx
Up to 5MP

FLEXIDOME IP 3000i IR



NDE-3503-AL
Up to 5MP

DINION IP thermal 8000



NHT-8001-F
VGA

DINION IP thermal 8000



NHT-8000-F
QVGA

Intelligent Video Analytics

FLEXIDOME IP starlight 8000i



NDE-8512-R(T)
1080p, starlight, HDR

FLEXIDOME IP starlight 8000i



NDE-8513-R(T)
6MP, starlight, HDR

FLEXIDOME IP starlight 8000i



NDE-8514-R(T)
4K UHD, starlight, HDR

Intelligent Video Analytics Pro

FLEXIDOME outdoor 5100i



NDE-5702-A
60 fps@1080p

FLEXIDOME outdoor 5100i



NDE-5703-A
30 fps@5MP

DINION IP 3000i IR



NBE-3503-AL
Up to 5MP

FLEXIDOME IP 5000i



NDE-5503-A
30 fps@5MP

FLEXIDOME IP 5000i IR



NDE-5503-AL
30 fps@5MP, IR

FLEXIDOME IP starlight 8000i



NDE-8512-RX(T)
1080p HDR X, starlight X

FLEXIDOME IP starlight 8000i



NDE-8513-RX(T)
4MP HDR X, starlight X

FLEXIDOME panoramic 5100i IR



NDS-5703-F360LE
30 fps@6MP

FLEXIDOME panoramic 5100i IR



NDS-5704-F360LE
30 fps@12MP

FLEXIDOME multi 7000i



NDM-7702-A
30 fps@4x 3MP

FLEXIDOME outdoor 5100i IR



NDE-5702-AL
60 fps@1080p, IR

FLEXIDOME outdoor 5100i IR



NDE-5703-AL
30 fps@5MP, IR

FLEXIDOME IP starlight 5000i IR



NDE-5502-A
60 fps@1080p

FLEXIDOME IP starlight 5000i IR



NDE-5502-AL
60 fps@1080p, IR

DINION IP 4000i IR



NBE-4502-AL
30 fps@1080p

FLEXIDOME multi 7000i



NDM-7703-A
30 fps@4x 5MP

FLEXIDOME multi 7000i IR



NDM-7702-AL
30 fps@4x 3MP

FLEXIDOME multi 7000i IR



NDM-7703-AL
30 fps@4x 5MP

FLEXIDOME intex 7100i IR



NDE-7604-AL
8MP

DINION intex 7100i IR



NBE-7604-AL
8MP

DINION IP 5000i IR



NBE-5503-AL
30 fps@5MP

DINION IP starlight 6000i IR



NBE-6502-AL
60 fps@1080p, starlight

FLEXIDOME intex 7100i IR

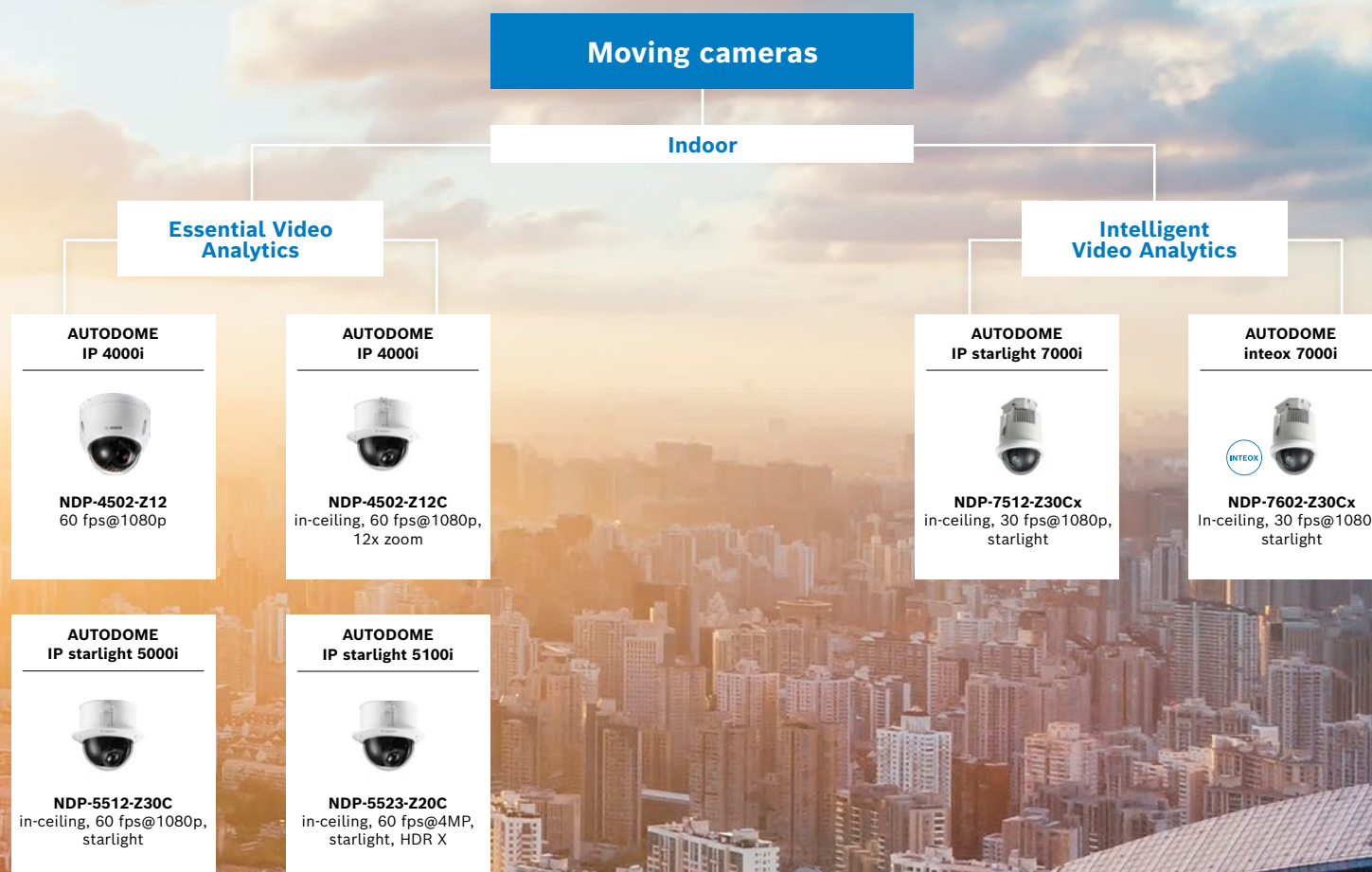


NDE-7604-AL-OC
8MP, Traffic Detector

DINION intex 7100i IR



NBE-7604-AL-OC
8MP, Traffic Detector



Moving cameras

Outdoor

Essential Video Analytics

**AUTODOME
IP starlight 5000i**



NDP-5512-Z30
60 fps@1080p, starlight

**AUTODOME
IP starlight 5000i IR**



NDP-5512-Z30L
60 fps@1080p, starlight, IR

**AUTODOME IP
starlight 5100i**



NDP-5523-Z20
60 fps@4MP, starlight, HDR X

**AUTODOME IP
starlight 5100i IR**



NDP-5523-Z30L
60 fps@4MP, starlight, IR, HDR X

Intelligent Video Analytics

**AUTODOME
IP starlight 7000i**



NDP-7512-Z30
30 fps@1080p, starlight

**AUTODOME
intex 7000i**



NDP-7602-Z30x
30 fps@1080p, starlight

**AUTODOME
intex 7000i**



NDP-7602-Z30x-OC
30 fps@1080p, starlight, Traffic Detector

Optical

**MIC
IP starlight 7100i**



MIC-7522-Z30x
60 fps@1080p, starlight, 30x zoom, Intelligent Video Analytics

**MIC intex
7100i**



MIC-7602-Z30xx
30 fps@1080p, 30x, Enhanced version, Intelligent Video Analytics

**MIC intex
7100i**



MIC-7602-Z30x-OC
30 fps@1080p, 30x, starlight, Traffic Detector

Optical

**MIC
IP ultra 7100i**



MIC-7505-Z12xR
30 fps@4K UHD, 12x zoom, Intelligent Video Analytics

**MIC intex
7100i**



MIC-7604-Z12xx
30 fps@UHD, 12x, Intelligent Video Analytics

Extreme outdoor

Optical & Thermal

**MIC
IP fusion 9000i**



MIC-9502-Z30xxx
60 fps@1080p, fusion, Intelligent Video Analytics

**MIC intex
7100i**



MIC-7602-Z30x
30 fps@1080p, 30x, Intelligent Video Analytics

**MIC intex
7100i**



MIC-7604-Z12xx-OC
30 fps@UHD, 12x, Traffic Detector

IP Video

Dome Cameras

■ Available – Not available

► = indication of main differentiator(s)

►FLEXIDOME IP turret 3000i IR

►FLEXIDOME IP turret 3000i - outdoor

►FLEXIDOME IP micro 3000i

Commercial Type Number		NTV-3502-FxxL	NTV-3503-FxxL	NTE-3502-Fxx	NTE-3503-Fxx	NDV-3502-Fxx	NDV-3503-Fxx
Video Analytics	Essential Video Analytics	■	■	■	■	■	■
	Intelligent Dynamic Noise Reduction	■	■	■	■	■	■
	Intelligent streaming	■	■	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	HD 1080p	5MP	HD 1080p	5MP	HD 1080p	5MP
	Image sensor type	1/2.8" CMOS	1/2.9" CMOS	1/2.8" CMOS	1/2.9" CMOS	1/2.8" CMOS	1/2.9" CMOS
	Max. frames per second (fps)	30 fps@1080p	20 fps@5.3MP 25 fps@4.1MP	30 fps@1080p	20 fps@5.3MP 25 fps@4.1MP	30 fps@1080p	20 fps@5.3MP 25 fps@4.1MP
	Indoor / outdoor	■/-	■/-	■/■	■/■	■/-	■/-
Advanced features	Day / night	■ (electronic)	■ (electronic)	■ (electronic)	■ (electronic)	■ (electronic)	■ (electronic)
	Wide Dynamic Range (WDR)	120dB	120dB	120dB	120dB	120dB	120dB
	ONVIF conformant	■	■	■	■	■	■
	Built-in microphone	■	■	■	■	■	■
Alarm triggering	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■	-/■	-/■	-/■
	Privacy masking	■	■	■	■	■	■
	Region Of Interest tracking	■	■	■	■	■	■
	Upright video mode	■	■	■	■	■	■
Sensitivity	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■	■/■	■/■
	Built-in video analytics	►	■	■	■	■	■
	Audio detection	►	■	■	■	■	■
	Minimum illumination day mode (color)	►	0.06 lux	0.5 lux	0.06 lux	0.5 lux	0.06 lux
Lens	Minimum illumination night mode (black / white)	►	0.015 lux	0.2 lux	0.015 lux	0.2 lux	0.015 lux
	Night vision	►	■ (infrared)	■ (infrared)	■ (infrared)	■ (infrared)	■ (infrared)
	Max. range at night	►	15 m (49 ft)	15 m (49 ft)	15 m (49 ft)	15 m (49 ft)	15 m (49 ft)
	Automatic varifocal	-	-	-	-	-	-
DORI distances	Focal length	2.3 mm (F02) 2.8 mm (F03)	2.3 mm (F02) 2.8 mm (F03)	2.3 mm (F02) 2.8 mm (F03)	2.3 mm (F02) 2.8 mm (F03)	2.3 mm (F02) 2.8 mm (F03)	2.3 mm (F02) 2.8 mm (F03)
	Horizontal Angle of View (HAoV)	►	132° (F02) 118° (F03)	118° (F02) 94° (F03)	132° (F02) 118° (F03)	118° (F02) 94° (F03)	132° (F02) 118° (F03)
	Detect / Observe / Recognize / Identify	►	17/7/3/2(F02) 28/11/6/3(F03)	37/15/7/4(F02) 57/23/11/6(F03)	17/7/3/2 (F02) 28/11/6/3 (F03)	37/15/7/4 (F02) 57/23/11/6 (F03)	17/7/3/2 (F02) 28/11/6/3 (F03)
	(Distances according to EN-IEC 62676-4 standard)						
Storage	Industrial SD card support with health monitoring	■	■	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video clips or JPEG Exporting
	Alarm input / output	1/1	1/1	1 / 1	1 / 1	1 / 1	1 / 1
	Audio in / out	►	■ (built-in mic)/■	■/■	■/■	■ (built-in mic)/■	■ (built-in mic)/■
Housing	Hybrid / public view monitor	►	-/-	■/■	■/■	-/-	-/-
	Weather rating	►	-	IP66	IP66	-	-
	Vandal resistant	►	IK08	IK10	IK10	IK08	IK08
	Operating temperature	►	-20° to +50° C (-4° to 104° F)	-20° to +50° C (-4° to 104° F)	-30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)	-20° to 50° C (-4° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/-	■/■/-	■/■/-	■/■/-	■/■/-	■/■/-

IP Video

Dome Cameras

►FLEXIDOME IP micro 3000i - outdoor

►FLEXIDOME IP 3000i IR

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDE-3502-Fxx	NDE-3503-Fxx	NDE-3502-AL	NDE-3503-AL
Video Analytics	Essential Video Analytics	■	■	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■
	Intelligent streaming	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	► HD 1080p	5MP	HD 1080p	5MP
	Image sensor type	► 1/2.8" CMOS	1/2.9" CMOS	1/2.8" CMOS	1/2.9" CMOS
	Max. frames per second (fps)	► 30 fps@1080p	20 fps@5.3MP 25 fps@4.1MP	30 fps@1080p	20 fps@5.3MP 25 fps@4.1MP
	Indoor / outdoor	► ■/■	■/■	-/■	-/■
	Day / night	► ■ (electronic)	■ (electronic)	■	■
	Wide Dynamic Range (WDR)	120dB	120dB	120dB	120dB
	ONVIF conformant	■	■	■	■
	Built-in microphone	► ■	■	-	-
	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■	-/■
	Privacy masking	■	■	■	■
Advanced features	Region Of Interest tracking	■	■	■	■
	Upright video mode	■	■	■	■
	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■
	Built-in video analytics	■	■	■	■
Alarm triggering	Audio detection	■	■	■	■
	Minimum illumination day mode (color)	► 0.06 lux	0.5 lux	0.06 lux	0.5 lux
	Minimum illumination night mode (black / white)	► 0.015 lux	0.2 lux	0.015 lux	0.2 lux
Sensitivity	Night vision	► -	-	■ (infrared)	■ (infrared)
	Max. range at night	► -	-	30 m (98 ft)	30 m (98 ft)
	Automatic varifocal	► -	-	■	■
Lens	Focal length	► 2.3 mm (F02) 2.8 mm (F03)	2.3 mm (F02) 2.8 mm (F03)	3.2 - 10 mm	3.2 - 10 mm
	Horizontal Angle of View (HAoV)	► 132° (F02) 118° (F03)	118° (F02) 94° (F03)	33° - 104°	30° - 89°
	DORI distances	► Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	37/15/7/4 (F02) 57/23/11/6 (F03)	30-75/12-30/6-15/3-8	63-141/25-56/13-28/6-14
Storage	Industrial SD card support with health monitoring	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video clips or JPEG Exporting
Connections	Alarm input / output	1 / 1	1 / 1	1/1	1/1
	Audio in / out	■/■	■/■	■/■	■/■
	Hybrid / public view monitor	■/■	■/■	■/■	■/■
Housing	Weather rating	IP66	IP66	IP66	IP66
	Vandal resistant	IK10	IK10	IK10	IK10
	Operating temperature	-30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/-	■/■/-	■/■/-	■/■/-



Outdoor

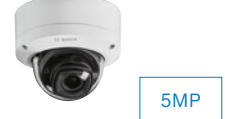
5MP



Outdoor



1080p



5MP

IP Video

Dome Cameras

► FLEXIDOME IP 5000i



Indoor

► FLEXIDOME IP 5000i



Outdoor

► FLEXIDOME IP 5000i IR



Indoor

► FLEXIDOME IP 5000i IR



Outdoor

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDI-5503-A	NDE-5503-A	NDI-5503-AL	NDE-5503-AL
Video Analytics	Essential Video Analytics	■	■	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■
	Intelligent streaming	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	5MP	5MP	5MP	5MP
	Image sensor type	1/2.9"	1/2.9"	1/2.9"	1/2.9"
	Max. frames per second (fps)	30 fps@5MP	30 fps@5MP	30 fps@5MP	30 fps@5MP
	Indoor / outdoor	► ■/-	■/■	■/-	■/■
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	120dB	120dB	120dB	120dB
	ONVIF conformant	■	■	■	■
	Built-in microphone	► ■	-	■	-
Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■	■/■
	Privacy masking	■	■	■	■
	Region Of Interest tracking	-	-	-	-
	Upright video mode	■	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■	■	■	■
	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
		■	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.24 lux	0.24 lux	0.24 lux	0.24 lux
	Minimum illumination night mode (black / white)	► 0.03 lux	0.03 lux	0 lux (IR on)	0 lux (IR on)
	Night vision	► -	-	■ (infrared)	■ (infrared)
	Max. range at night	► -	-	30 m (98 ft)	30 m (98 ft)
Lens	Automatic varifocal	■	■	■	■
	Focal length	3 - 10 mm	3 - 10 mm	3 - 10 mm	3 - 10 mm
	Horizontal Angle of View (HAoV)	31° - 99°	31° - 99°	31° - 99°	31° - 99°
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	59-266/24-106/12-53/6-27	59-266/24-106/12-53/6-27	59-266/24-106/12-53/6-27	59-266/24-106/12-53/6-27
Storage	Industrial SD card support with health monitoring	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	1/1	1/1	1/1	1/1
	Audio in / out	■/■	■/■	■/■	■/■
	Hybrid / public view monitor	■/■	■/■	■/■	■/■
Housing	Weather rating	► -	IP66	-	IP66
	Vandal resistant	► IK04	IK10	IK04	IK10
	Operating temperature	► -20° to 50° C (-4° to 122° F)	-40° to 50° C (-40° to 122° F)	-20° to 50° C (-4° to 122° F)	-40° to 50° C (-40° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■	■/■/■

IP Video

Dome Cameras

► FLEXIDOME IP starlight 5000i

► FLEXIDOME IP starlight 5000i

► FLEXIDOME IP starlight 5000i IR

► FLEXIDOME IP starlight 5000i IR



Indoor



Outdoor



Indoor



Outdoor

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDI-5502-A	NDE-5502-A	NDI-5502-AL	NDE-5502-AL
Video Analytics	Essential Video Analytics	■	■	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■
	Intelligent streaming	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	HD 1080p	HD 1080p	HD 1080p	HD 1080p
	Image sensor type	1/2.8"	1/2.8"	1/2.8"	1/2.8"
	Max. frames per second (fps)	60 fps@1080p	60 fps@1080p	60 fps@1080p	60 fps@1080p
	Indoor / outdoor	► ■/-	■/■	■/-	■/■
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	146dB	146dB	146dB	146dB
	ONVIF conformant	■	■	■	■
	Built-in microphone	► ■	-	■	-
Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■	■/■
	Privacy masking	■	■	■	■
	Region Of Interest tracking	-	-	-	-
	Upright video mode	■	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■	■	■	■
	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.0225 lux	0.0225 lux	0.0225 lux	0.0225 lux
	Minimum illumination night mode (black / white)	0.0051 lux	0.0051 lux	0.0051 lux	0.0051 lux
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)	■ (starlight)
	Max. range at night	► -	-	IR 45 m (148 ft)	IR 45 m (148 ft)
Lens	Automatic varifocal	■	■	■	■
	Focal length	3 - 9 mm	3 - 9 mm	3 - 9 mm	3 - 9 mm
	Horizontal Angle of View (H AoV)	37° - 106°	37° - 106°	37° - 106°	37° - 106°
DORI distances	Detect / Observe / Recognize / Identify (Distances in according to EN-IEC 62676-4 standard)	32-126/13-50/6-25/3-13	32-126/13-50/6-25/3-13	32-126/13-50/6-25/3-13	32-126/13-50/6-25/3-13
Storage	Industrial SD card support with health monitoring	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	1/1	1/1	1/1	1/1
	Audio in / out	■/■	■/■	■/■	■/■
	Hybrid / public view monitor	■/■	■/■	■/■	■/■
Housing	Weather rating	► -	IP66	-	IP66
	Vandal resistant	► IK04	IK10	IK04	IK10
	Operating temperature	► -20° to 50° C (-4° to 122° F)	-40° to 50° C (-40° to 122° F)	-20° to 50° C (-4° to 122° F)	-40° to 50° C (-40° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■	■/■/■

IP Video

Dome Cameras

■ Available – Not available

► = indication of main differentiator(s)

►FLEXIDOME indoor 5100i



Indoor

►FLEXIDOME indoor 5100i



Indoor

►FLEXIDOME indoor 5100i IR



Indoor

►FLEXIDOME indoor 5100i IR



Indoor

Commercial Type Number		NDV-5702-A	NDV-5703-A	NDV-5702-AL	NDV-5703-AL
Video Analytics	Intelligent Video Analytics Pro (IVA Pro)	■ IVA Pro Buildings Pack	■ IVA Pro Buildings Pack	■ IVA Pro Buildings Pack	■ IVA Pro Buildings Pack
Bitrate management	Intelligent Dynamic Noise Reduction	future support	future support	future support	future support
	Intelligent streaming	future support	future support	future support	future support
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	HD 1080p	5MP	HD 1080p	5MP
	Image sensor type	1/2.8"	1/2.7"	1/2.8"	1/2.7"
	Max. frames per second (fps)	60	30	60	30
	Indoor / outdoor	► ■/-	■/-	■/-	■/-
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	144dB	120dB	144dB	120dB
	ONVIF conformant	■	■	■	■
	Built-in microphone	► -	-	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/future suport	-/future suport	-/future suport	-/future suport
	Privacy masking	■	■	■	■
	Region Of Interest tracking	-	-	-	-
	Upright video mode	■	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■
	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.021	0.06	0.021	0.06
	Minimum illumination night mode (black / white)	0.004	0.012	0 lux with IR on	0 lux with IR on
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)	■ (starlight)
	Max. range at night	► -	-	45m (Intelligent IR)	45m (Intelligent IR)
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)	■ (P-iris)
	Focal length	3.4 -10.2 mm	3.4 -10.2 mm	3.4 -10.2 mm	3.4 -10.2 mm
	Horizontal Angle of View (HAoV)	102° - 31°	95° - 29°	102° - 31°	95° - 29°
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	31-138/12-55/6-28/3-14	48-200/19-79/10-40/5-20	31-138/12-55/6-28/3-14	48-200/19-79/10-40/5-20
Storage	Industrial SD card support with health monitoring	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	-	-	1/1	1/1
	Audio in / out	■/■	■/■	■/■	■/■
	Hybrid / public view monitor	-	-	■/■	■/■
Housing	Weather rating	► IP54	IP54	IP54	IP54
	Vandal resistant	► IK10	IK10	IK10	IK10
	Operating temperature	► -20° to +50° C (-4° to +122° F)	-20° to +50° C (-4° to +122° F)	-20° to +50° C (-4° to +122° F)	-20° to +50° C (-4° to +122° F)
Power input voltage	Power over Ethernet / 12V / 24V	► ■/-/-	■/-/-	■/-/-	■/-/-
Accessories	Modular mount compatible	■	■	■	■
Remote commissioning	USB-C port for wireless dongle	■	■	■	■
	EIS	■ (Gyro based)	■ (Gyro based)	■ (Gyro based)	■ (Gyro based)

IP Video

Dome Cameras

► FLEXIDOME outdoor 5100i



Outdoor

► FLEXIDOME outdoor 5100i



Outdoor

► FLEXIDOME outdoor 5100i IR



Outdoor

► FLEXIDOME outdoor 5100i IR



Outdoor

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDE-5702-A	NDE-5703-A	NDE-5702-AL	NDE-5703-AL
Video Analytics	Intelligent Video Analytics Pro (IVA Pro)	■ IVA Pro Buildings Pack	■ IVA Pro Buildings Pack	■ IVA Pro Buildings Pack	■ IVA Pro Buildings Pack
Bitrate management	Intelligent Dynamic Noise Reduction	future support	future support	future support	future support
	Intelligent streaming	future support	future support	future support	future support
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	HD 1080p	5MP	HD 1080p	5MP
	Image sensor type	1/2.8"	1/2.7"	1/2.8"	1/2.7"
	Max. frames per second (fps)	60	30	60	30
	Indoor / outdoor	► ■/■	■/■	■/■	■/■
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	144dB	120dB	144dB	120dB
	ONVIF conformant	■	■	■	■
	Built-in microphone	► -	-	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/future suport	-/future suport	-/future suport	-/future suport
	Privacy masking	■	■	■	■
	Region Of Interest tracking	-	-	-	-
	Upright video mode	■	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■
	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.021	0.06	0.021	0.06
	Minimum illumination night mode (black / white)	0.004	0.012	0 lux with IR on	0 lux with IR on
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)	■ (starlight)
	Max. range at night	► -	-	45m (Intelligent IR)	45m (Intelligent IR)
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)	■ (P-iris)
	Focal length	3.4 -10.2 mm	3.4 -10.2 mm	3.4 -10.2 mm	3.4 -10.2 mm
	Horizontal Angle of View (H AoV)	102° - 31°	95° - 29°	102° - 31°	95° - 29°
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	31-138/12-55/6-28/3-14	48-200/19-79/10-40/5-20	31-138/12-55/6-28/3-14	48-200/19-79/10-40/5-20
Storage	Industrial SD card support with health monitoring	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	-	-	1/1	1/1
	Audio in / out	■/■	■/■	■/■	■/■
	Hybrid / public view monitor	-	-	■/■	■/■
Housing	Weather rating	► IP66	IP66	IP66	IP66
	Vandal resistant	► IK10, NEMA Type 4X	IK10, NEMA Type 4X	IK10, NEMA Type 4X	IK10, NEMA Type 4X
	Operating temperature	► -40° to +55° C (-40° to +131° F)	-40° to +55° C (-40° to +131° F)	-40° to +55° C (-40° to +131° F)	-40° to +55° C (-40° to +131° F)
Power input voltage	Power over Ethernet / 12V / 24V	► ■/■/■	■/■/■	■/■/■	■/■/■
Accessories	Modular mount compatible	■	■	■	■
Remote commissioning	USB-C port for wireless dongle	■	■	■	■
	EIS	■ (Gyro based)	■ (Gyro based)	■ (Gyro based)	■ (Gyro based)

IP Video Dome Cameras

►FLEXIDOME intex 7100i IR

►FLEXIDOME intex 7100i IR



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDE-7604-AL-OC	NDE-7604-AL
Video Analytics	Intelligent Video Analytics Pro ►	■ + Traffic Detector	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■
	Intelligent streaming	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/3 Streams + JPEG	■/■/3 Streams + JPEG
Basic features	Maximum resolution	8MP (4K)	8MP (4K)
	Image sensor type	1/1.8-inch CMOS	1/1.8-inch CMOS
	Max. frames per second (fps)	30 fps@8MP (4K)	30 fps@8MP (4K)
	Indoor / outdoor	■/■	■/■
	Day / night	■/■	■/■
	Wide Dynamic Range (WDR)	87dB	87dB
	ONVIF conformant	■	■
	Built-in microphone	–	–
Advanced features	Intelligent Auto Exposure / Intelligent Defog	–/–	–/–
	Privacy masking	1 rectangular mask (solid/mosaic), dynamic object masking	1 rectangular mask (solid/mosaic), dynamic object masking
	Region Of Interest tracking	–	–
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■
	Audio detection	■	■
	PTZ Intelligent Tracking	–	–
Sensitivity	Minimum illumination day mode (color)	0.182 lux	0.182 lux
	Minimum illumination night mode (black / white)	0.0396 lux	0.0396 lux
	Night vision	■ (IR)	■ (IR)
	Max. range at night	40 m (131 ft)	40 m (131 ft)
Lens	Focal length	3.6 to 10 mm	3.6 to 10 mm
	Horizontal Angle of View (HAoV)	Wide: 97° x 53° (H x V) Tele: 46° x 30° (H x V)	Wide: 97° x 53° (H x V) Tele: 46° x 30° (H x V)
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances in according to EN-IEC 62676-4 standard)	68-181/27-72/14-36/7-18 212-565/89-238/45-119/22-60	68-181/27-72/14-36/7-18 212-565/89-238/45-119/22-60
Storage	Industrial SD card support with health monitoring	microSD card	microSD card
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	1/2	1/2
	Audio in / out	■/■	■/■
	Hybrid / public view monitor	–/–	–/–
Housing	Weather rating	IP66 and NEMA type 4X	IP66 and NEMA type 4X
	Vandal resistant	IK10	IK10
	Operating temperature	-40° to +50° C (-40° to +122° F)	-40° to +50° C (-40° to +122° F)
Power input voltage	Power over Ethernet / 12V / 24V	PoE 802.3at Type 2, Class 4, 24 VAC	PoE 802.3at Type 2, Class 4, 24 VAC

IP Video

Dome Cameras

►FLEXIDOME IP starlight 8000i



1080p



6MP



4K UHD

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDE-8512-R(T)	NDE-8513-R(T)	NDE-8514-R(T)
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■	■
Remote commissioning	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	■	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■
	Intelligent streaming	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	► HD 1080p	6MP	4K UHD
	Image sensor type	► 1/2.8"	1/1.8"	1/1.8"
	Max. frames per second (fps)	► 60	30	30
	Indoor / outdoor	■/■	■/■	■/■
	Day / night	■	■	■
	Wide Dynamic Range (WDR)	► 146dB HDR	120dB HDR	120dB HDR
	ONVIF conformant	■	■	■
	Built-in microphone	–	–	–
Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■
	Privacy masking	■	■	■
	Region Of Interest tracking	■	■	■
	Upright video mode	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■
	Built-in video analytics	■	■	■
	Audio detection	■	■	■
Sensitivity	Minimum illumination day mode (color)	► 0.0104 lux (R) / 0.0179 lux (RT)	0.0509 lux (R) / 0.1222 lux (RT)	0.0540 lux (R) / 0.1251 lux (RT)
	Minimum illumination night mode (black / white)	► 0.0039 lux (R) / 0.0066 lux (RT)	0.0086 lux (R) / 0.0198 lux (RT)	0.0098 lux (R) / 0.0200 lux (RT)
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)
	Max. range at night (IR range)	–	–	–
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)
	Focal length	► 3 - 9 mm (R) / 10 - 23 mm (RT)	3.9 - 10 mm (R) / 12 - 40 mm (RT)	3.9 - 10 mm (R) / 12 - 40 mm (RT)
	Horizontal Angle of View (HAAoV)	► 117° - 37° (R) / 32° - 14.4° (RT)	117° - 44° (R) / 36° - 12.6° (RT)	117° - 44° (R) / 36° - 12.6° (RT)
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	24-115/9-46/5-23/2-12 134-304/53-121/27-61/13-30	40-162/16-64/8-32/4-16 201-591/80-235/40-118/20-59	47-190/195-75/9-38/5-19 236-696/94-276/47-139/24-70
Storage	Industrial SD card support with health monitoring	■ (2 slots)	■ (2 slots)	■ (2 slots)
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	2/1 + 12V 50mA out	2/1 + 12V 50mA out	2/1 + 12V 50mA out
	Audio in / out	■/■	■/■	■/■
	Hybrid / public view monitor	–	–	–
Housing	Weather rating	IP66, IP6K9K and NEMA type 4X	IP66, IP6K9K and NEMA type 4X	IP66, IP6K9K and NEMA type 4X
	Vandal resistant	IK10+	IK10+	IK10+
	Operating temperature	-50° to +60° C (-58° to +140° F)	-50° to +60° C (-58° to +140° F)	-50° to +60° C (-58° to +140° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■
Accessories	Modular mount compatible	■	■	■

IP Video

Dome Cameras

► FLEXIDOME IP starlight 8000i - X series



1080p

HDR X



4.1MP

HDR X

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDE-8512-RX(T)	NDE-8513-RX(T)
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■
Remote commissioning	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■
	Intelligent streaming	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution ►	HD 1080p	4.1MP
	Image sensor type	1/1.8"	1/1.8"
	Max. frames per second (fps)	60	60
	Indoor / outdoor	■/■	■/■
	Day / night	■	■
	Wide Dynamic Range (WDR) ►	144dB HDR X	141dB HDR X
	ONVIF conformant	■	■
	Built-in microphone	–	–
Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■
	Privacy masking	■	■
	Region Of Interest tracking	■	■
	Upright video mode	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■
	Built-in video analytics	■	■
	Audio detection	■	■
Sensitivity	Minimum illumination day mode (color) ►	0.0061 lux (R) / 0.0178 lux (RT)	0.0078 lux (R) / 0.0247 lux (RT)
	Minimum illumination night mode (black / white) ►	0.0007 lux (R) / 0.0026 lux (RT)	0.0008 lux (R) / 0.0030 lux (RT)
	Night vision	■ (starlight X)	■ (starlight X)
	Max. range at night (IR range)	–	–
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)
	Focal length	4.4 - 10 mm (R) / 12 - 40 mm (RT)	4.4 - 10 mm (R) / 12 - 40 mm (RT)
	Horizontal Angle of View (H AoV)	110° - 48° (R) / 36.8° - 12.8° (RT)	110° - 48° (R) / 36.8° - 12.8° (RT)
DORI distances	Detect / Observe / Recognize / Identify (m) ► (Distances according to EN-IEC 62676-4 standard)	27-86/11-34/5-17/3-9 115-342/46-136/23-68/12-34	38-121/15-48/8-24/4-12 162-479/64-190/32/96/16-48
Storage	Industrial SD card support with health monitoring	■ (2 slots)	■ (2 slots)
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	2/1 + 12V 50mA out	2/1 + 12V 50mA out
	Audio in / out	■/■	■/■
	Hybrid / public view monitor	–	–
Housing	Weather rating	IP66, IP6K9K and NEMA type 4X	IP66, IP6K9K and NEMA type 4X
	Vandal resistant	IK10+	IK10+
	Operating temperature	-50° to +60° C (-58° to +140° F)	-50° to +60° C (-58° to +140° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■
Accessories	Modular mount compatible	■	■

IP Video

Dome Cameras

►FLEXIDOME IP indoor 8000i



1080p



6MP



4K UHD

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDV-8502-R	NDV-8503-R	NDV-8504-R
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■	■
Remote commissioning	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	■	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■
	Intelligent streaming	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	HD 1080p	6MP	4K UHD
	Image sensor type	1/2.8"	1/1.8"	1/1.8"
	Max. frames per second (fps)	60	30	30
	Indoor	■	■	■
	Day / night	■	■	■
	Wide Dynamic Range (WDR)	146dB HDR	120dB HDR	120dB HDR
	ONVIF conformant	■	■	■
	Built-in microphone	■	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■
	Privacy masking	■	■	■
	Region Of Interest tracking	■	■	■
	Upright video mode	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■
	Built-in video analytics	■	■	■
	Audio detection	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.0104 lux	0.0509 lux	0.0540 lux
	Minimum illumination night mode (black / white)	0.0039 lux	0.0086 lux	0.0098 lux
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)
	Max. range at night (IR range)	–	–	–
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)
	Focal length	3 - 9 mm	3.9 - 10 mm	3.9 - 10 mm
	Horizontal Angle of View (HAoV)	117° - 37°	117° - 44°	117° - 44°
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	24-115/9-46/5-23/2-12	40-162/16-64/8-32/4-16	47-190/195-75/9-38/5-19
Storage	Industrial SD card support with health monitoring	■ (2 slots)	■ (2 slots)	■ (2 slots)
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting 4x virtual input	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting 4x virtual input	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting 4x virtual input
Connections	Alarm input / output	–	–	–
	Audio in / out	–	–	–
	Hybrid / public view monitor	–	–	–
Housing	Weather rating	IP5X / IP54 with NDA-8001-IP IK10	IP5X / IP54 with NDA-8001-IP IK10	IP5X / IP54 with NDA-8001-IP IK10
	Vandal resistant	–	–	–
	Operating temperature	-20° to +55° C (-4° to +131° F)	-20° to +55° C (-4° to +131° F)	-20° to +55° C (-4° to +131° F)
Power input voltage	Power over Ethernet / 12V / 24V	PoE/-/-	PoE/-/-	PoE/-/-
Accessories	Modular mount compatible	■	■	■

IP Video

Dome Cameras

► FLEXIDOME IP indoor 8000i - X series



1080p

HDR X



4.1MP

HDR X

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDV-8502-RX	NDV-8503-RX
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■
Remote commissioning	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■
	Intelligent streaming	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	HD 1080p	4.1MP
	Image sensor type	1/1.8"	1/1.8"
	Max. frames per second (fps)	60	60
	Indoor	■	■
	Day / night	■	■
	Wide Dynamic Range (WDR)	144dB HDR X	141dB HDR X
	ONVIF conformant	■	■
	Built-in microphone	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■
	Privacy masking	■	■
	Region Of Interest tracking	■	■
	Upright video mode	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■
	Built-in video analytics	■	■
	Audio detection	■	■
Sensitivity	Minimum illumination day mode (color)	0.0061 lux	0.0078 lux
	Minimum illumination night mode (black / white)	0.0007 lux	0.0008 lux
	Night vision	■ (starlight X)	■ (starlight X)
	Max. range at night (IR range)	–	–
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)
	Focal length	4.4 - 10 mm	4.4 - 10 mm
	Horizontal Angle of View (HAoV)	110° - 48°	110° - 48°
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	27-86/11-34/5-17/3-9	38-121/15-48/8-24/4-12
Storage	Industrial SD card support with health monitoring	■ (2 slots)	■ (2 slots)
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	4x virtual input	4x virtual input
	Audio in / out	–	–
	Hybrid / public view monitor	–	–
Housing	Weather rating	IP5X / IP54 with NDA-8001-IP	IP5X / IP54 with NDA-8001-IP
	Vandal resistant	IK10	IK10
	Operating temperature	-20° to +55° C (-4° to +131° F)	-20° to +55° C (-4° to +131° F)
Power input voltage	Power over Ethernet / 12V / 24V	PoE/–/–	PoE/–/–
Accessories	Modular mount compatible	■	■

IP Video

Dome Cameras

►FLEXIDOME panoramic 5100i

►FLEXIDOME panoramic 5100i IR



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDS-5703-F360	NDS-5704-F360	NDS-5703-F360LE	NDS-5704-F360LE
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■	■	■
	Audio Analytics Future support	■	■	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/4 streams	■/4 streams	■/4 streams	■/4 streams
Basic features	Maximum resolution	► 6MP	12MP	6MP	12MP
	Image sensor type	► 1/1.8	1/2.3	1/1.8	1/2.3
	Max. frames per second (fps)	30	30	30	30
	Indoor / outdoor	► ■/-	■/-	■/■	■/■
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	120dB HDR	120dB HDR	120dB HDR	120dB HDR
	ONVIF conformant	■	■	■	■
	Built-in microphone	Microphone array	Microphone array	Microphone array	Microphone array
	HDMI out	■	■	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■	-/■
	Edge dewarping	■	■	■	■
	Privacy masking	■	■	■	■
	Region Of Interest tracking	■	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■	■	■	■
	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
	PTZ Intelligent Tracking	future support	future support	future support	future support
Sensitivity	Night vision	► -	-	■ (IR)	■ (IR)
	Max. range at night	► -	-	20 m (66 ft)	20 m (66 ft)
Lens	Focal length	► 1.155 mm	1.26 mm	1.155 mm	1.26 mm
	Field of View (FoV)	360°	360°	360°	360°
DORI distances	Detect / Observe / Recognize / Identify (Distances in according to EN-IEC 62676-4 standard)	► 28 m/11,5 m/5,5 m/2,1 m	45,5 m/18 m/8,5 m/3,8 m	28 m/11,5 m/5,5 m/2,1 m	45,5 m/18 m/8,5 m/3,8 m
Storage	Industrial SD card support	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	► -	-	1/1	1/1
	Audio in / out	► -	-	■/■	■/■
	HDMI output / public view monitor	■/■	■/■	■/■	■/■
Housing	Weather rating	► -	-	IP66 NEMA Type 4X	IP66 NEMA Type 4X
	Vandal resistant	► IK08 (except lens)	IK08 (except lens)	IK10	IK10
	Operating temperature	► -10° to +45° C	-10° to +45° C	-40° to +55° C	-40° to +55° C
Power input voltage	Power over Ethernet / 12V / 24V	► PoE/-/-	PoE/-/-	PoE/■/■	PoE/■/■
Accessories	Modular mount compatible	■	■	■	■

IP Video

Dome Cameras

■ Available – Not available

▶ = indication of main differentiator(s)

►FLEXIDOME multi 7000i

►FLEXIDOME multi 7000i IR



Commercial Type Number		NDM-7702-A	NDM-7703-A	NDM-7702-AL	NDM-7703-AL
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■	■	■
Remote commissioning	USB-C port for wireless dongle	■	■	■	■
Bitrate management	Dynamic Noise Reduction	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/4x4 streams	■/4x4 streams	■/4x4 streams	■/4x4 streams
Basic features	Maximum resolution ▶	4x 3MP	4x 5MP	4x 3MP	4x 5MP
	Image sensor type	1/2.7	1/2.7	1/2.7	1/2.7
	Max. frames per second (fps)	30	30	30	30
	Indoor / outdoor	■/■	■/■	■/■	■/■
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	120dB HDR	120dB HDR	120dB HDR	120dB HDR
	ONVIF conformant	■	■	■	■
	Built-in microphone	■	■	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	Defog	Defog	Defog	Defog
	Upright video mode	■	■	■	■
	Privacy masking	■	■	■	■
	Region Of Interest tracking	N/A	N/A	N/A	N/A
Alarm triggering	Tamper detection / Video motion detection	■	■	■	■
	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.091	0.091	0.091	0.091
	Minimum illumination night mode (black / white)	0.012	0.012	0.012	0.012
	Night vision ▶	–	–	■ (IR)	■ (IR)
	Max. range at night ▶	–	–	30 m (98 ft)	30 m (98 ft)
Lens	Focal length	3.7-7.7 mm	3.7-7.7 mm	3.7-7.7 mm	3.7-7.7 mm
	Horizontal Angle of View (HAoV)	85,1 - 38,7	85,1 - 38,7	85,1 - 38,7	85,1 - 38,7
DORI distances	Detect / Observe / Recognize / Identify (Distances in according to EN-IEC 62676-4 standard) ▶	45-117 m/18-46 m/9-23 m/4-12 m	57-148 m/22-59 m/11-30 m/6-15 m	45-117 m/18-46 m/9-23 m/4-12 m	57-148 m/22-59 m/11-30 m/6-15 m
Storage	Industrial SD card support	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	1/1	1/1	1/1	1/1
	Audio in / out	■/■	■/■	■/■	■/■
	Hybrid / public view monitor	–	–	–	–
Housing	Weather rating	IP66 NEMA Type 4X	IP66 NEMA Type 4X	IP66 NEMA Type 4X	IP66 NEMA Type 4X
	Vandal resistant	IK10	IK10	IK10	IK10
	Operating temperature	-50° to +55° C	-50° to +55° C	-50° to +55° C	-50° to +55° C
Power input voltage	Power over Ethernet / 12V / 24V	PoE+/-/■	PoE+/-/■	PoE+/-/■	PoE+/-/■
Accessories	Modular mount compatible	■	■	■	■

IP Video

Fixed Cameras

■ Available – Not available

► = indication of main differentiator(s)

►DINION IP 3000i IR



1080p



5MP

►DINION IP 4000i IR



1080p



5MP

►DINION IP 5000i IR



starlight

Commercial Type Number		NBE-3502-AL	NBE-3503-AL	NBE-4502-AL	NBE-5503-AL	NBE-6502-AL
Video Analytics	Essential Video Analytics	■	■	■	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■	■
	Intelligent streaming	■	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	► HD 1080p	5MP	HD 1080p	5MP	HD 1080p
	Image sensor type	► 1/2.8" CMOS	1/2.9" CMOS	1/2.9"	1/2.9"	1/2.8"
	Max. frames per second (fps)	► 30 fps@1080p	20 fps@5.3MP 25 fps@4.1MP	30 fps@1080p	30 fps@5MP	60 fps@1080p
	Indoor / outdoor	■/■	■/■	■/■	■/■	■/■
	Day / night	■	■	■	■	■
	Wide Dynamic Range (WDR)	► 120dB	120dB	85dB	120dB	146dB
	ONVIF conformant	■	■	■	■	■
	Built-in microphone	–	–	–	–	–
Advanced features	Intelligent Auto Exposure / Intelligent Defog	► –/■	–/■	–/■	■/■	■/■
	Privacy masking	■	■	■	■	■
	Region Of Interest tracking	■	■	■	■	■
	Upright video mode	■	■	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■	■/■
	Built-in video analytics	■	■	■	■	■
	Audio detection	■	■	■	■	■
Sensitivity	Minimum illumination day mode (color)	► 0.06 lux	0.5 lux	0.052 lux	0.369 lux	0.0225 lux
	Minimum illumination night mode (black / white)	► 0.015 lux	0.2 lux	0 lux (IR on)	0 lux (IR on)	0 lux (IR on)
	Night vision	■ (infrared)	■ (infrared)	■ (infrared)	■ (Infrared)	■ (Infrared)
	Max. range at night	► 30 m (98 ft)	30 m (98 ft)	60 m (196 ft)	50 m (164 ft)	60 m (196 ft)
Lens	Automatic Back Focus (ABF)	–	–	–	–	–
	Automatic varifocal	■	■	■	■	■
	Focal length	► 3.2 - 10 mm	3.2 - 10 mm	2.8 - 12 mm	2.7 - 12 mm	2.8 - 12 mm
	Horizontal Angle of View (HAoV)	► 33° - 104°	30° - 89°	33° - 100°	28° - 95°	33° - 100°
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	► 30-75/12-30/6-15/3-8	63-141/25-56/13-28/6-14	33-130/13-51/6-26/3-13	56-246/22-98/11-49/6-25	33-130/13-51/6-26/3-13
Storage	Industrial SD card support with health monitoring	■	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	1/1	1/1	1/1	1/1	1/1
	Audio in / out	■/■	■/■	■/■	■/■	■/■
	Hybrid / public view monitor	► –/–	–/–	■/■	■/■	■/■
Housing	Weather rating	► IP66	IP66	IP67	IP67	IP67
	Vandal resistant	IK10	IK10	IK10	IK10	IK10
	Operating temperature	► -30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)	-40° to 60° C (-40° to 140° F)	-40° to 60° C (-40° to 140° F)	-40° to 60° C (-40° to 140° F)
Power input voltage	Power over Ethernet / 12V / 24V	► ■/■/–	■/■/–	■/■/■	■/■/■	■/■/■

IP Video

Fixed Cameras

►DINION inteoX 7100i IR

►DINION inteoX 7100i IR

■ Available – Not available

► = indication of main differentiator(s)



Commercial Type Number		NBE-7604-AL-OC	NBE-7604-AL
Video Analytics	Intelligent Video Analytics ►	■ + Traffic Detector	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■
	Intelligent streaming	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/3 Streams + JPEG	■/■/3 Streams + JPEG
Basic features	Maximum resolution	8MP (4K)	8MP (4K)
	Image sensor type	1/1.8-inch CMOS	1/1.8-inch CMOS
	Max. frames per second (fps)	30 fps@8MP (4K)	30 fps@8MP (4K)
	Indoor / outdoor	■/■	■/■
	Day / night	■/■	■/■
	Wide Dynamic Range (WDR)	87dB	87dB
	ONVIF conformant	■	■
	Built-in microphone	–	–
Advanced features	Intelligent Auto Exposure / Intelligent Defog	–/–	–/–
	Privacy masking	1 rectangular mask (solid/mosaic), dynamic object masking	1 rectangular mask (solid/mosaic), dynamic object masking
	Region Of Interest tracking	–	–
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■
	Audio detection	■	■
	PTZ Intelligent Tracking	–	–
Sensitivity	Minimum illumination day mode (color)	0.182 lux	0.182 lux
	Minimum illumination night mode (black / white)	0.0396 lux	0.0396 lux
	Night vision	■ (IR)	■ (IR)
	Max. range at night	40 m (131 ft)	40 m (131 ft)
Lens	Focal length	3.6 to 10 mm	3.6 to 10 mm
	Horizontal Angle of View (HAoV)	Wide: 97° x 53° (H x V)	Wide: 97° x 53° (H x V)
		Tele: 46° x 30° (H x V)	Tele: 46° x 30° (H x V)
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	68-181/27-72/14-36/7-18 212-565/89-238/45-119/22-60	68-181/27-72/14-36/7-18 212-565/89-238/45-119/22-60
Storage	Industrial SD card support with health monitoring	microSD card	microSD card
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	1/2	1/2
	Audio in / out	■/■	■/■
	Hybrid / public view monitor	–/–	–/–
Housing	Weather rating	IP66 and NEMA type 4X	IP66 and NEMA type 4X
	Vandal resistant	IK10	IK10
	Operating temperature	-40° to +50° C (-40° to +122° F)	-40° to +50° C (-40° to +122° F)
Power input voltage	Power over Ethernet / 12V / 24V	PoE 802.3at Type 2, Class 4, 24 VAC	PoE 802.3at Type 2, Class 4, 24 VAC

IP Video

Fixed Cameras

■ Available – Not available

► = indication of main differentiator(s)

►DINION IP starlight 6000 HD



►DINION IP starlight 7000 HD



►DINION IP starlight 6000 HD



►DINION IP starlight 7000 HD



Commercial Type Number		NBN-63013-B **	NBN-73013-BA **	NBN-63023-B **	NBN-73023-BA **
Video Analytics	Essential Video Analytics ►	■	–	■	–
	Intelligent Video Analytics ►	–	■	–	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■
	Intelligent streaming	■	■	■	■
Basic features	Compression (H.265 / H.264 & MJPEG) / multi-streaming	–/■/4 streams	–/■/4 streams	–/■/4 streams	–/■/4 streams
	Maximum resolution ►	720p	720p	1080p	1080p
	Image sensor type	1/2.8"	1/2.8"	1/2.8"	1/2.8"
	Max. frames per second (fps) ►	60 fps@720p	60 fps@720p	60 fps@1.3MP / 1080p	60 fps@1.3MP / 1080p
	Indoor / outdoor	■/■ (with housing)	■/■ (with housing)	■/■ (with housing)	■/■ (with housing)
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	120dB	120dB	120dB	120dB
	ONVIF conformant	■	■	■	■
	Built-in microphone	–	–	–	–
	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■	■/■
Advanced features	Privacy masking	■	■	■	■
	Region Of Interest tracking	■	■	■	■
	Upright video mode	■	■	■	■
	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■
Alarm triggering	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.0069 lux	0.0069 lux	0.0069 lux	0.0069 lux
	Minimum illumination night mode (black / white)	0.0008 lux	0.0008 lux	0.0008 lux	0.0008 lux
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)	■ (starlight)
	Max. range at night	–	–	–	–
Lens	Automatic Back Focus (ABF)	■	■	■	■
	Automatic varifocal	–	–	–	–
	Focal length	Lenses available separately C/CS mount 1.8 - 3 mm, 3.8 - 13 mm, 9 - 40 mm	Lenses available separately C/CS mount 1.8 - 3 mm, 3.8 - 13 mm, 9 - 40 mm	Lenses available separately C/CS mount 1.8 - 3 mm, 3.8 - 13 mm, 9 - 40 mm	Lenses available separately C/CS mount 1.8 - 3 mm, 3.8 - 13 mm, 9 - 40 mm
	Horizontal Angle of View (H AoV)	depending on optional lens	depending on optional lens	depending on optional lens	depending on optional lens
DORI distances	Detect / Observe / Recognize / Identify (Distances in according to EN-IEC 62676-4 standard)	depending on optional lens	depending on optional lens	depending on optional lens	depending on optional lens
Storage	Industrial SD card support with health monitoring	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	2/1	2/1	2/1	2/1
	Audio in / out	■/■	■/■	■/■	■/■
Housing	Hybrid / public view monitor	■/■	■/■	■/■	■/■
	Weather rating	depending on optional housing	depending on optional housing	depending on optional housing	depending on optional housing
	Vandal resistant	depending on optional housing	depending on optional housing	depending on optional housing	depending on optional housing
	Operating temperature	-30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/–	■/■/–	■/■/–	■/■/–

** Lens not included

IP Video Fixed Cameras

►DINION IP starlight 8000 MP

►DINION IP ultra 8000 MP



starlight



4K UHD

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NBN-80052-BA**	NBN-80122-CA**
Video Analytics	Intelligent Video Analytics	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■
	Intelligent streaming	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	–/■/4 streams	–/■/4 streams
Basic features	Maximum resolution	5MP (16:9)/5.5MP (4:3)	12MP (4:3)/UHD (16:9)
	Image sensor type	1/1.8"	1/2.3"
	Max. frames per second (fps)	30 fps@5 MP	20 fps@12MP, 30 fps@UHD
	Indoor / outdoor	■/■ (with housing)	■/■ (with housing)
	Day / night	■	■
	Wide Dynamic Range (WDR)	97dB (5MP)/105dB (1080p) (with IAE + 16dB)	92dB (with IAE + 16dB)
	ONVIF conformant	■	■
	Built-in microphone	–	–
	Power over Ethernet (PoE)	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■
	Privacy masking	■	■
	Region Of Interest tracking	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■
	Built-in video analytics	■	■
	Audio detection	■	■
Sensitivity	Minimum illumination day mode (color)	0.0121 lux (5 MP) 0.0083 lux (1080p)	0.11 lux
	Minimum illumination night mode (black / white)	0.004 lux (5 MP) 0.0028 lux (1080p)	0.037 lux
	Night vision	■ (starlight)	–
	Max. range at night	–	–
Lens	Automatic Back Focus (ABF)	■	■
	Automatic varifocal	–	–
	Focal length	C/CS mount 4.1-9 mm/12.5-50 mm	C/CS mount - 35 mm/50 mm/75 mm fixed iris P-iris lens 4-13 mm
	Horizontal Angle of View (HAoV)	depending on optional lens	depending on optional lens
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	depending on optional lens	depending on optional lens
Storage	Industrial SD card support with health monitoring	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Best Face Detection JPEG posting (IVA models only), Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Best Face Detection JPEG posting (IVA models only), Video Clips or JPEG Exporting
Connections	Alarm input / output	2/1	2/1
	Audio in / out	■/■	■/■
	Hybrid / public view monitor	■/■	■/■
Housing	Weather rating	–	–
	Vandal resistant	–	–
	Operating temperature	-20° to 50° C (-4° to 122° F)	-20° to 50° C (-4° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/–	■/■/–

** Lens not included

IP Video

Specialty Cameras

►FLEXIDOME IP corner 9000 MP



■ Available – Not available

Commercial Type Number		NCN-90022-F1
Video Analytics		N.A.
Bitrate management	Intelligent Dynamic Noise Reduction	■
	Intelligent streaming	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	–/■/4 streams
Basic features	Maximum resolution	1080p
	Image sensor type	1/2.7"
	Max. frames per second (fps)	30 fps@1080p
	Indoor / outdoor	■/–
	Day / night	■
	Wide Dynamic Range (WDR)	76dB
	ONVIF conformant	■
	Built-in microphone	–
Advanced features	Intelligent Auto Exposure / Intelligent Defog	–/–
	Privacy masking	■
	Region Of Interest tracking	–
Alarm triggering	Tamper detection / Video motion detection	■/■
	Built-in video analytics	–
	Audio detection	■
Sensitivity	Minimum illumination day mode (color)	0.3 lux
	Minimum illumination night mode (black / white)	0 lux (IR on)
	Night vision	■ (infrared)
	Max. range at night	9 m (30 ft)
Lens	Automatic Back Focus (ABF)	–
	Automatic varifocal	–
	Focal length	2 mm
	Horizontal Angle of View (HAoV)	121°
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	20/8/4/2
Storage	Industrial SD card support with health monitoring	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	1/1
	Audio in / out	■/■
	Hybrid / public view monitor	–/–
Housing	Weather rating	IP65
	Vandal resistant	IK10
	Operating temperature	–10° to 50° C (14° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■

IP Video Specialty Cameras

►DINION IP thermal 8000

►DINION IP thermal 8000



QVGA



VGA

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NHT-8000-F	NHT-8001-F
Video Analytics	Intelligent Video Analytics	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	–	–
	Intelligent streaming	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	–/■/4 streams	–/■/4 streams
Basic features	Maximum resolution ►	QVGA	VGA
	Image sensor type	Un-cooled vanadium oxide microbolometer	Un-cooled vanadium oxide microbolometer
	Max. frames per second (fps) ►	9 fps (-FxxQS) or 60 fps (-FxxQF)	9 fps (-FxxVS) or 30 fps (-FxxVF)
	Indoor / outdoor	■/■	■/■
	Day / night	–	–
	Wide Dynamic Range (WDR)	–	–
	ONVIF conformant	■	■
	Built-in microphone	–	–
Advanced features	Intelligent Auto Exposure / Intelligent Defog	–/–	–/–
	Privacy masking	Eight independent areas, fully programmable	Eight independent areas, fully programmable
	Region Of Interest tracking	–	–
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■
	Built-in video analytics	■	■
	Audio detection	■	■
Sensitivity	Minimum illumination day mode (color)	–	–
	Minimum illumination night mode (black / white)	0 lux	0 lux
	Night vision	■ (thermal)	■ (thermal)
	Max. range at night	–	–
Lens	Automatic Back Focus (ABF)	–	–
	Automatic varifocal	–	–
	Focal length ►	7.5 mm (-F07Qx), 19 mm (-F19Qx)	9 mm (-F09Vx), 16.7 mm (-F17Vx), 35 mm (-F35Vx), 65 mm (-F65Vx)
	Horizontal Angle of View (HAoV) ►	7.5 mm: 41.8°, 19 mm: 16°	9 mm: 70°, 16.7 mm: 37.5°, 35 mm: 17.6°, 65 mm: 9.6°
DRI distances	Detection / Recognition / Identification ►	7.5 mm: 140 m (459 ft) / 35 m (115 ft) / 18 m (59 ft) 19 mm: 380 m (1247 ft) / 95 m (312 ft) / 48 m (157 ft)	9 mm: 155 m (509ft) / 40 m (131 ft) / 20 m (66 ft) 16.7 mm: 315 m (1033 ft) / 80 m (262 ft) / 40 m (131 ft) 35 mm: 690 m (2264 ft) / 170 m (558 ft) / 85 m (279 ft) 65 mm: 1270 m (4167 ft) / 320 m (1050 ft) / 160 m (525 ft)
Storage	Industrial SD card support with health monitoring	■	■
	Cloud application storage	Auto or Alarm JPEG Posting (FTP only)	Auto or Alarm JPEG Posting (FTP only)
Connections	Alarm input / output	2/1	2/1
	Audio in / out	■/■	■/■
	Hybrid / public view monitor	■	■
Housing	Weather rating	IP66	IP66
	Vandal resistant	–	–
	Operating temperature	-50° to 55° C (-58° to 131° F)	-50° to 55° C (-58° to 131° F)
Power input voltage	Power over Ethernet / 12V / 24V	–/–/■	–/–/■

IP Video

Moving Cameras

►AUTODOME IP 4000i

►AUTODOME IP starlight 5000i

►AUTODOME IP starlight 5000i IR



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDP-4502-Z12C	NDP-4502-Z12	NDP-5512-Z30C	NDP-5512-Z30	NDP-5512-Z30L
Video Analytics	Essential Video Analytics	■	■	■	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■	■
	Intelligent streaming	■	■	■	■	■
Basic features	Compression (H.265 / H.264 & MJPEG) /multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
	Maximum resolution	HD 1080p	HD 1080p	HD 1080p	HD 1080p	HD 1080p
	Image sensor type	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
	Max. frames per second (fps)	60 fps@1080p	60 fps@1080p	60 fps@1080p	60 fps@1080p	60 fps@1080p
	Indoor / outdoor	► ■/-	■/-	■/-	■/■	■/■
	Day / night	■	■	■	■	■
	Wide Dynamic Range (WDR)	► 94dB	94dB	120dB	120dB	120dB
	ONVIF conformant	■	■	■	■	■
Advanced features	Built-in microphone	-	-	-	-	-
	Intelligent Auto Exposure / Intelligent Defog	► -/■	-/■	■/■	■/■	■/■
	Privacy masking	■	■	■	■	■
	Nbr of presets/guard tours	256/2	256/2	256/2	256/2	256/2
	Wiper	-	-	-	-	-
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■	■/■
	Built-in video analytics	■	■	■	■	■
	Audio detection	■	■	■	■	■
	PTZ Intelligent Tracking	-	-	-	-	-
Sensitivity	Minimum illumination day mode (color)	► 0.05 lux	0.05 lux	0.0186 lux	0.0186 lux	0.0186 lux
	Minimum illumination night mode (black / white)	► 0.01 lux	0.01 lux	0.004 lux	0.004 lux	0 lux (IR on)
	Night vision	► -	-	-	-	■ (infrared)
	Max. range at night	► -	-	-	-	180m (590 ft)
Lens	Focal length	► 5.3 - 64 mm	5.3 - 64 mm	4.5 - 135 mm	4.5 - 135 mm	4.5 - 135 mm
	Horizontal Angle of View (HAoV)	► 4.9° to 58.5°	4.9° to 58.5°	2.4° to 60.9°	2.4° to 60.9°	2.4° to 60.9°
	PTZ Zoom optical/digital	► 12x/16x	12x/16x	30x/16x	30x/16x	30x/16x
	Tilt angle	► -90° to 0°	-90° to 0°	-90° to 0°	-90° to 0°	-90° to 3°
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	► 69-897/27-356/14-179/7-90	69-897/27-356/14-179/7-90	65-1833/26-727/13-367/7183	65-1833/26-727/13-367/7183	65-1833/26-727/13-367/7183
Storage	Industrial SD card support with health monitoring	■	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	2/1	2/1	2/1	2/1	2/1
	Audio in / out	■/■	■/■	■/■	■/■	■/■
	Hybrid / public view monitor	-/-	-/-	-/-	-/-	-/-
Housing	Weather rating	► IP51	IP65	IP51	IP66	IP66
	Vandal resistant	► IK6	IK10	IK06	IK10	-
	Operating temperature	► -10° to 55° C (14° to 131° F)	-10° to 55° C (14° to 131° F)	-10° to 60° C (14° to 140° F)	-40° to 60° C (-40° to 140° F)	-40° to 60° C (-40° to 140° F)
Power input voltage	Power over Ethernet / 12V / 24Vac	■ (PoE+)/-/■	■ (PoE+)/-/■	■ (PoE+)/-/■	■ (PoE+)/-/■	■ (PoE+)/-/■

IP Video

Moving Cameras

►AUTODOME IP starlight 5100i

►AUTODOME IP starlight 5100i IR

Inceiling



20x zoom

4MP

HDR X



20x zoom

4MP

HDR X



IR+Whitelight

4MP

HDR X

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDP-5523-Z20C	NDP-5523-Z20	NDP-5523-Z30L
Video Analytics	Essential Video Analytics	■	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■
	Intelligent streaming	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	4MP	4MP	4MP
	Image sensor type	1/1.8" CMOS	1/1.8" CMOS	1/1.8" CMOS
	Max. frames per second (fps)	60 fps@4MP	60 fps@4MP	60 fps@4MP
	Indoor / outdoor	► ■/-	■/■	-/■
	Day / night	■	■	■
	Wide Dynamic Range (WDR)	133dB HDR X	133dB HDR X	133dB HDR X
	ONVIF conformant	■	■	■
	Built-in microphone	-	-	-
Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■
	Privacy masking	■	■	■
	Nbr of presets/guard tours	256/2	256/2	256/2
	Wiper	► -	-	■ Auto
	Tamper detection / Video motion detection	■/■	■/■	■/■
Alarm triggering	Built-in video analytics	■	■	■
	Audio detection	■	■	■
	PTZ Intelligent Tracking	-	-	-
	PTZ Intelligent Tracking	-	-	-
Sensitivity	Minimum illumination day mode (color)	► 0.0107 lux	0.0107 lux	0.0101 lux
	Minimum illumination night mode (black / white)	► 0.0016 lux	0.0016 lux	0 lux (IR on)
	White light	► -	-	■
	Night vision	► -	-	■ (infrared)
	Max. range at night	► -	-	320 m (1050 ft)
Lens	Focal length	► 6.5 - 130 mm	6.5 - 130 mm	6.6 - 198 mm
	Horizontal Angle of View (HAoV)	► 3.5° to 61.1°	3.5° to 61.1°	2.1° to 58.5°
	PTZ Zoom optical/digital	► 20x/16x	20x/16x	30x/16x
	Tilt angle	► -90° to 0°	-90° to 0°	-90° to 5°
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	► 87-1676/34-665/17-335/9-168	87-1676/34-665/17-335/9-168	91-2794/36-1109/18-559/9-279
Storage	Industrial SD card support with health monitoring	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	2/1	2/1	2/1
	Audio in / out	■/■	■/■	■/■
Housing	Weather rating	► IP51	IP66	IP66
	Vandal resistant	► IK6	IK10	IK10
	Operating temperature	► -10° to 55° C (14° to 131° F)	-40° to 60° C (-40° to 140° F)	-40° to 60° C (-40° to 140° F)
Power input voltage	Power over Ethernet / 12V / 24Vac	► ■ (PoE+)/-/■	■ (PoE+)/-/■	■ IEEE802.3bt/-/■

32 IP Video Moving Cameras

►AUTODOME IP starlight 7000i



H.265

►AUTODOME inteoX 7000i



H.265

►AUTODOME inteoX 7000i



H.265

Traffic Detector

■ Available – Not available
► = indication of main differentiator(s)

Commercial Type Number		NDP-7512-Z30	NDP-7602-Z30x	NDP-7602-Z30x-OC
Video Analytics	Intelligent Video Analytics ►	■	■	■ + Traffic Detector
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■
	Intelligent streaming	■	■	■
Basic features	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams
	Maximum resolution	HD 1080p	HD 1080p	HD 1080p
	Image sensor type	1/2.8"	1/2.8"	1/2.8"
	Max. frames per second (fps)	60 fps@720p 30 fps@1080p	60 fps@720p 30 fps@1080p	60 fps@720p 30 fps@1080p
	Indoor / outdoor	■/■	■/■	■/■
	Day / night	■	■	■
	Wide Dynamic Range (WDR)	120dB	120dB	120dB
Advanced features	ONVIF conformant	■	■	■
	Built-in microphone	–	–	–
	Intelligent Auto Exposure / Intelligent Defog	–/■	–/■	–/■
	Privacy masking	■	■	■
	Nbr of presets/guard tours	256/2	256/2	256/2
	Wiper	–	–	–
	Intelligent Tracking	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■
	Built-in video analytics	■	■	■
	Audio detection	■	■	■
	PTZ Intelligent Tracking	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.0077 lux	0.0077 lux	0.0077 lux
	Minimum illumination night mode (black / white)	0.0008 lux	0.0008 lux	0.0008 lux
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)
	Max. range at night	–	–	–
Lens	Focal length	4.3 - 129 mm	4.3 - 129 mm	4.3 - 129 mm
	Horizontal Angle of View (HAoV)	2.3° to 64.7°	2.3° to 64.7°	2.3° to 64.7°
	PTZ Zoom optical/digital	30x/12x	30x/12x	30x/12x
	Tilt angle	-90° to 14° (pendant)	-90° to 14° (pendant)	-90° to 14° (pendant)
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	61-1913/24-765/12-383/6-191	61-1913/24-765/12-383/6-191	61-1913/24-765/12-383/6-191
Storage	Industrial SD card support with health monitoring	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	7/4	7/4	7/4
	Audio in / out	■/■	■/■	■/■
	Hybrid / public view monitor	–/–	–/–	–/–
Housing	Weather rating	IP66 (pendant)/IP54 (in-ceiling)	IP66 (pendant)/IP54 (in-ceiling)	IP66 (pendant)/IP54 (in-ceiling)
	Vandal resistant	IK10 (with rugged bubble)	IK10 (with rugged bubble)	IK10 (with rugged bubble)
	Operating temperature	-40° to 55° C (-40° to 131° F)	-40° to 55° C (-40° to 131° F)	-40° to 55° C (-40° to 131° F)
Power input voltage	Power over Ethernet / 12V / 24Vdc	■ (HiPoE)/–/■ (pendant) ■ (PoE+)/–/■ (in-ceiling)	■ (HiPoE)/–/■ (pendant) ■ (PoE+)/–/■ (in-ceiling)	■ (HiPoE)/–/■ (pendant) ■ (PoE+)/–/■ (in-ceiling)

IP Video Moving Cameras

►MIC IP starlight 7100i

►MIC IP ultra 7100i

►MIC IP fusion 9000i


enhanced
version


4K UHD



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		MIC-7522-Z30x	MIC-7522-Z30xR	MIC-7505-Z12xR	MIC-9502-Z30xxx
Video Analytics	Intelligent Video Analytics ►	■	■	■	■ (Thermal and Optical)
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■
	Intelligent streaming	■	■	■	■
Basic features	Compression (H.265 / H.264 & MJPEG) / multi-streaming ►	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/4 streams (optical + thermal)
	Maximum resolution ►	HD 1080p	HD 1080p	4K UHD	HD 1080p (optical) / 320/640 pixel (thermal)
	Image sensor type ►	1/2"	1/2"	1"	1/2 8" CMPS (optical) / Un-cooled microbolometer (thermal)
	Max. frames per second (fps) ►	60 fps@1080p	60 fps@1080p	30 fps@UHD	60 fps@1080p (optical) <9/30 fps w/640 pixel (thermal) <9/60 fps w/320 pixel (thermal)
Advanced features	Indoor / outdoor	-/■	-/■	-/■	-/■
	Day / night	■	■	■	■ (optical)
	Wide Dynamic Range (WDR) ►	120dB	120dB	62dB	120dB
	ONVIF conformant	■	■	■	■
	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■	-/■
	Privacy masking	■	■	■	■
	Nbr of presets/guard tours	256/2	256/2	265/2	256/2
	Wiper / Built in window defroster ►	■/-	■/■	■/■	■
	Intelligent Tracking	■	■	■	■
	Alarm triggering	■/■	■/■	■/■	■/■
Sensitivity	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■
	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
	PTZ Intelligent Tracking	■	■	■	■
	Minimum illumination day mode (color) ►	0.0047 lux	0.0047 lux	0.292 lux	0.0077 lux (optical) N.A. (thermal)
	Minimum illumination night mode (black / white) ►	0.0013 lux	0.0013 lux	0.0110 lux	0.0008 lux (optical) 0 lux (thermal)
	Night vision ►	■ (optional illuminator)	■ (optional illuminator)	■ (optional illuminator)	■ (thermal)
	Max. range at night ►	550 m (1804 ft)	550 m (1804 ft)	300 m (984 ft)	300 m (971 ft) (optical) 1540 m (5050 ft) w/320 pixel (thermal) 3550 m (11,600 ft) w/640 pixel (thermal)
Lens	Focal length ►	6.6 - 198 mm	6.6 - 198 mm	9.3 - 111.6 mm	4.3 - 129 mm (optical), 9 mm w/640 pixel (thermal) 19 mm w/320 pixel (thermal) 50 mm w/640 pixel (thermal)
	Horizontal Angle of View (HAoV) ►	2.1° to 58.3°	2.1° to 58.3°	6.1° to 64.6°	2.3° to 63.7° (optical) 16° w/320 pixel, 12.4° w/50 mm 640 pixel thermal 70° w / 9 mm 640 pixel thermal
	PTZ Zoom optical/digital ►	30x/12x	30x/12x	12x/12x	30x/12x
	Tilt angle ►	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)
	DORI distances ►	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	wide 69-226/27-89/14-46/7-23 tele 2895-6873/834-2726/419-1375/210-689	wide 69-226/27-89/14-46/7-23 tele 2895-6873/834-2726/419-1375/210-689	wide 108-355/43-142/22-71/11-36 tele 154-504/61-202/31-101/15-50
Storage	Memory card slot ►	-	■ (up to 2TB)	■ (up to 2TB)	■ internal EMMC memory 16 GB
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	5/3 (with MIC-ALM-WAS-24)	5/3 (with MIC-ALM-WAS-24)	5/3 (with MIC-ALM-WAS-24)	5/3 (with MIC-ALM-WAS-24)
	Audio in / out ►	■	■	■	■/■
Housing	Hybrid / public view monitor ►	■ (with external decoder)/-	■ (with external decoder)/-	■ (with external decoder)/-	-
	Weather rating	IP68	IP68	IP68	IP68
	Vandal resistant	IK10	IK10	IK10	IK10
	Operating temperature	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to 65° C (-40° to 149° F)
Power input voltage	Power over Ethernet / 12V / 24Vac ►	■ (HiPoE)/-■	■ (HiPoE)/-■	■ (HiPoE)/-■	■ (HiPoE)/-■

IP Video

Moving Cameras

■ Available – Not available

► = indication of main differentiator(s)

		►MIC inteoX 7100i	►MIC inteoX 7100i	►MIC inteoX 7100i	►MIC inteoX 7100i	►MIC inteoX 7100i
		 2MP	 2MP	 2MP	 8MP	 8MP
		INTEOX	INTEOX enhanced version	INTEOX Traffic Detector	INTEOX	INTEOX Traffic Detector
Commercial Type Number		MIC-7602-Z30x	MIC-7602-Z30xx	MIC-7602-Z30xx-OC	MIC-7604-Z12xx	MIC-7604-Z12xx-OC
Video Analytics	Intelligent Video Analytics	►	■	■ + Traffic Detector	■	■ + Traffic Detector
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■	■
	Intelligent streaming	■	■	■	■	■
Basic features	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
	Maximum resolution	► HD 1080p	HD 1080p	HD 1080p	4K UHD	4K UHD
	Image sensor type	► 1/2"	1/2"	1/2"	1"	1"
	Max. frames per second (fps)	► 30 fps@1080p	30 fps@1080p	30 fps@1080p	30 fps@UHD	30 fps@UHD
	Indoor / outdoor	-/■	-/■	-/■	-/■	-/■
	Day / night	■	■	■	■	■
	Wide Dynamic Range (WDR)	► 120dB	120dB	120dB	62dB	62dB
	ONVIF conformant	■	■	■	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■	-/■	-/■
	Privacy masking	■	■	■	■	■
	Nbr of presets/guard tours	256/2	256/2	256/2	256/2	256/2
	Wiper / Built in window defroster	► ■/-	■/■	■/■	■/■	■/■
	Intelligent Tracking	-	-	-	-	-
	3rd party apps possible	■	■	■	■	■
	AI based Object classification detectors	► -	-	-	-	-
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■	■/■
	Audio detection	■	■	■	■	■
	PTZ Intelligent Tracking	-	-	-	-	-
Sensitivity	Minimum illumination day mode (color)	► 0.0047 lux	0.0047 lux	0.0047 lux	0.292 lux	0.292 lux
	Minimum illumination night mode (black / white)	► 0.0013 lux	0.0013 lux	0.0013 lux	0.0110 lux	0.0110 lux
	Night vision	■ (optional illuminator)	■ (optional illuminator)	■ (optional illuminator)	■ (optional illuminator)	■ (optional illuminator)
	Max. range at night	► 550 m (1804 ft)	550 m (1804 ft)	550 m (1804 ft)	300 m (984 ft)	300 m (984 ft)
Lens	Focal length	► 6.6 - 198 mm	6.6 - 198 mm	6.6 - 198 mm	9.3 - 111.6 mm	9.3 - 111.6 mm
	Horizontal Angle of View (HAoV)	► 2.1° to 58.3°	2.1° to 58.3°	2.1° to 58.3°	6.1° to 64.6°	6.1° to 64.6°
	PTZ Zoom optical/digital	► 30x/12x	30x/12x	30x/12x	12x/12x	12x/12x
	Tilt angle	► -55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	► wide 69-226/27-89/ 14-46/7-23 tele 2895-6873/834-2726/ 419-1375/210-689	wide 69-226/27-89/ 14-46/7-23 tele 2895-6873/834-2726/ 419-1375/210-689	wide 69-226/27-89/ 14-46/7-23 tele 2895-6873/834-2726/ 419-1375/210-689	wide 108-355/43-142/ 22-71/11-36 tele 154-504/61-202/ 31-101/15-50	wide 108-355/43-142/ 22-71/11-36 tele 154-504/61-202/ 31-101/15-50
Storage	Memory card slot	► -	■ (up to 2TB)	■ (up to 2TB)	■ (up to 2TB)	■ (up to 2TB)
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	-	-	-	-	-
	Audio in / out	■	■	■	■	■
	Hybrid / public view monitor	■ (with external decoder)/-	■ (with external decoder)/-	■ (with external decoder)/-	■ (with external decoder)/-	■ (with external decoder)/-
Housing	Weather rating	IP68	IP68	IP68	IP68	IP68
	Vandal resistant	IK10	IK10	IK10	IK10	IK10
	Operating temperature	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)
Power input voltage	Power over Ethernet / 12V / 24Vac	■ (HiPoE)/-/■	■ (HiPoE)/-/■	■ (HiPoE)/-/■	■ (HiPoE)/-/■	■ (HiPoE)/-/■

IP Video

Digital Recording

■ Available – Not available

► = indication of main differentiator(s)

All-in-one solution

►DIVAR IP all-in-one 4000



►DIVAR IP all-in-one 6000



►DIVAR IP all-in-one 7000 2U



►DIVAR IP all-in-one 7000 3U



Commercial Type Number		DIP-442xxx-xxx	DIP-644x-xxx	DIP-738x-xxx	DIP-73Gx-xxx
Basic functions	Max. system size (channels)	► 32	64	256	256
	Integrated video management	■	■	■	■
	RAID Level	► –	RAID-5, RAID-6	RAID-5, RAID-6	RAID-5, RAID-6
	Operating system drive	► On separate SSD	On separate SSD	On separate redundant SSD	On separate redundant SSD
	Supported resolutions	CIF/2CIF/4CIF/720p/1080p/5MP/UHD	CIF/2CIF/4CIF/720p/1080p/5MP/UHD	CIF/2CIF/4CIF/720p/1080p/5MP/UHD	CIF/2CIF/4CIF/720p/1080p/5MP/UHD
	Video compression	H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG	H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG	H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG	H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG
	Transcoding	■	■	■	■
Mechanical	ONVIF	■	■	■	■
	Form factor	► 2-bay Mini-Tower	1U 19-inch Rack Mount	2U 19-inch Rack Mount	3U 19-inch Rack Mount
	Network connections (LAN)	► 2x Gigabit Ethernet	2x Gigabit Ethernet, 1x 1 Gbps (Mgmt)	2x Gigabit Ethernet, 1x 100Mbit (Mgmt)	2x Gigabit Ethernet, 1x 100Mbit (Mgmt)
	USB ports	► 2x USB2.0, 4x USB3.2 Gen2	2x USB2.0, 4x USB3.2 Gen2	2x USB2.0, 3x USB3.1, 1x USB-C	2x USB2.0, 3x USB3.1, 1x USB-C
	Number of power supplies	► 1	1	2	2
Video output	Power supplies hot swappable	► –	–	■	■
	Connector type	► 1 HDMI2.0, 1 HDMI1.4, 1 DP 1.2	2x DP 1.2, 1x DVI-D	2x DP, 1x DVI	2x DP, 1x DVI
	Monitor output	3	3	3	3
Audio	In / out channels	► 32	64	256	256
	Compression type	G.711, G.726, ACC	G.711, G.726, ACC	G.711, G.726, ACC	G.711, G.726, ACC
	Synchronous audio	■	■	■	■
Recording	Video Recording Manager (VRM)	■	■	■	■
	Schedule recording modes	■	■	■	■
Storage options	Max. drives supported	► 2	4	8	16
	Available capacities per drive	4, 8 or 18TB	4, 8 or 18TB	4, 8 or 12TB	4, 8 or 12TB
	Base system capacity TB	► 0, 8, 16 or 36TB	0, 16, 32 or 72TB	0, 32, 64 or 96TB	0, 64, 128 or 192TB
	Max. Base system capacity TB	► 36TB	72TB	96TB	192TB
	Full system capacity TB	► 108TB	360TB	864TB	960TB
	Extensible / external support	iSCSI	iSCSI	iSCSI	iSCSI
Storage extensions	Max. number of units	► 2x DIVAR IP all-in-one 4000 configured as storage extension	4x DIVAR IP all-in-one 6000 configured as storage extension	4x DIVAR IP all-in-one 7000 configured as storage extension	4x DIVAR IP all-in-one 7000 configured as storage extension
	Maximum drives supported	► 2	4	8	16
	Available capacities per drive	► 4, 8 or 18TB	4, 8 or 18TB	4, 8 or 12TB	4, 8 or 12TB
	Hot swappable	► –	■	■	■
Export/back-up of data	Data format	native, MOV, MP4	native, MOV, MP4	native, MOV, MP4	native, MOV, MP4
	Built-in DVD writer	► –	–	■	■
	Supported devices	► External CD/DVD Writer, USB 2.0, USB 3.0, iSCSI	External CD/DVD Writer, USB 2.0, USB 3.0, iSCSI	USB 2.0, USB 3.0, iSCSI, internal CD/DVD Writer	USB 2.0, USB 3.0, iSCSI, internal CD/DVD Writer
	Back-up mode	Manual or Automatic	Manual or Automatic	Manual or Automatic	Manual or Automatic

IP Video

Digital Recording

■ Available – Not available

► = indication of main differentiator(s)

All-in-one solution

►DIVAR IP all-in-one 4000

►DIVAR IP all-in-one 6000

►DIVAR IP all-in-one 7000 2U

►DIVAR IP all-in-one 7000 3U



Commercial Type Number		DIP-442xxx-xxx	DIP-644x-xxx	DIP-738x-xxx	DIP-73Gx-xxx
Redundancy	Power supply redundancy	►	–	■	■
	Hot swappable HDD	►	–	■	■
	Teamed Ethernet Network ports	■	■	■	■
	Redundant operating system drive	►	–	■	■
Software options	PTZ control	■	■	■	■
	CCTV keyboard support	■	■	■	■
	Admin control	■	■	■	■
	Export options	■	■	■	■
Remote access	Mobile device (smart phone / tablet)	■ Video security app	■ Video security app	■ Video security app	■ Video security app
	Network	10/100/1000 Ethernet	10/100/1000 Ethernet	10/100/1000 Ethernet	10/100/1000 Ethernet
	Web browser access	■	■	■	■
	Simultaneous accessible users	4	4	4	4
Advanced features support	Forensic search support (metadata)	■	■	■	■
	Webclient	■	■	■	■
Supported software	Bosch Video Management System	►	■ (v11.1.1 or newer)	■ (v10.1 or newer)	■ (v10.1 or newer)
	3 rd Party software	–	–	–	–
3 rd party integration tools	Optional ATM/POS integration	■	■	■	■
	SDK (IPP*)	■	■	■	■
Operating System		Windows Server IoT 2022 for Storage Workgroup	Windows Server IoT 2022 for Storage Workgroup	Windows Server IoT 2019 for Storage Standard	Windows Server IoT 2019 for Storage Standard

* Integration Partner Program (IPP) for more information visit <https://www.boschsecurity.com/x/en/partners>

IP Video

Digital Storage

Network Video Recorder

► DSA E-Series



■ Available – Not available

Commercial Type Number		DSA-N6xxx-xxxx
Basic functions	Max. system size (channels)	800
	Integrated video management	—
	RAID Level	RAID-5/RAID-6/DDP
	Supported resolutions	CIF/2CIF/4CIF/720p/1080p/5MP
	Video compression	H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG
	Transcoding	—
	ONVIF	■
Mechanical	Form factor	2U/4U 19-inch Rack Mount
	Network connections (LAN)	2x Gigabit Ethernet/ 2x 10 Gigabit Ethernet
	USB ports	—
	Number of power supplies	2
	Power supplies hot swappable	■
Video output	Connector type	—
	Monitor output	—
Audio	In / out channels	800 (audio playback via remote station only)
	Compression type	G.726
	Synchronous audio	■
	Associate multiple cameras to 1 Audio	■
Recording	Video Recording Manager (VRM)	—
	Schedule recording modes	■
Storage options	Max. drives supported	12/60
	Available capacities per drive	4, 8 or 12TB
	Base system capacity TB	—
	Max. Base system capacity TB	12 bay: 48/96/144TB 60 bay: 240/480/720TB
	Full system capacity TB	12 bay: 384/ 768/ 1152TB 60 bay: 720/1440/2160TB
	Extenable / external support	6Gb/s SAS (Copper)
	Max. number of units	12 bay: 7 / 60 bay: 3
Storage extensions	Maximum drives supported	12/60
	Available capacities per drive	4, 8 or 12TB
	Hot swappable	■
	Max. number of units	12 bay: 7 / 60 bay: 3
Export/back-up of data	Data format	WMF, Bosch ASF
	Built-in DVD writer	—
	Supported devices	External CD/DVD Writer, USB 2.0, iSCSI
	Back-up mode	manual or automatic
Redundancy	Power supply redundancy	■
	Hot swappable HDD	■

Table continued on the next page

IP Video
Digital Storage

Network Video Recorder
► DSA E-Series



■ Available – Not available

Commercial Type Number		DSA-N6xxx-xxxx
Redundancy	Power supply redundancy	—
	Hot swappable HDD	—
Software options	PTZ control	—
	CCTV keyboard support	—
	Admin control	—
	Export options	—
Remote access	Mobile device (smart phone / tablet)	—
	Network	2x 10 Gigabit Ethernet
	Web browser access	—
	Simultaneous accessible users	—
Advanced features support	Forensic search support (metadata)	—
	Webclient	■
Supported software	Bosch Video Client	—
	Bosch Video Management System	—
	3 rd Party software	—
3 rd party integration tools	Optional ATM/POS integration	—
	SDK (IPP*)	—

* Integration Partner Program (IPP) for more information visit <https://www.boschsecurity.com/x/en/partners>

IP Video

Digital Storage

Network Video Recorder

►DIVAR network 2000

►DIVAR network 3000

►DIVAR network 5000



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		DDN-2516-xxxxxx	DDN-3532-xxxxxx	DRN-5532-xxxxxx
Basic functions	Max. system size	► 16	32	32
	Alarm Inputs / Outputs	► 4 / 2	4 / 2	16 / 6
	RAID Level	► –	–	RAID-1, RAID-5
	Supported resolutions	► up to 8MP	up to 12MP	up to 12MP
	Video compression	H.264, H.265, MPEG-4	H.264, H.265, MPEG-4	H.264, H.265, MPEG-4
	Transcoding	–	–	–
	Bosch IP native camera integration	■	■	■
	ONVIF	■	■	■
Mechanical	Form factor	► 1U high Desktop	1U high Desktop	1.5U high Rack Mount
	Network connections (LAN)	2x Gigabit Ethernet	2x Gigabit Ethernet	2x Gigabit Ethernet
	Build-in PoE+	► 0, 8 or 16 PoE+	0 or 16 PoE+	0 or 16 PoE+
	USB ports	► 1x USB 2.0, 1xUSB 3.0	1x USB 2.0, 1xUSB 3.0	1x USB 2.0, 2xUSB 3.0
Video output	Connector type	VGA, HDMI	VGA, HDMI	VGA, HDMI
	Spotmonitor	–	–	■ (HDMI)
Audio	In / out channels	► 16 in / 1 out	32 in / 1 out	32 in / 1 out
	Compression type	G.726	G.726	G.726
	Synchronous audio	■	■	■
	Associate multiple cameras to 1 Audio	–	–	–
Storage options	Max. drives supported	► 2	2	4
	Available capacities per drive	1, 2, 3, 4 or 6TB	1, 2, 3, 4 or 6TB	1, 2, 3, 4 or 6TB
	Base system capacity TB	► 0, 2TB	0, 2TB	0, 4TB
	Max. Base system capacity TB	► 12TB	12TB	24TB
	Full system capacity TB	► 12TB	12TB	24TB
	Extensible / external support	► –	–	eSATA
Storage extensions	Max. number of units	► –	–	1
	Maximum drives supported	► –	–	1
	Available capacities per drive	–	–	1, 2, 3, 4 or 6TB
	Hot swappable	–	–	–
Export/back-up of data	Data format	native, ASF	native, ASF	native, ASF
	Built-in DVD writer	■ (optional)	■ (optional)	■ (optional)
	Supported devices	► USB 2.0, USB 3.0, internal DVD Writer	USB 2.0, USB 3.0, internal DVD Writer	USB 2.0, USB 3.0, eSata, internal DVD Writer
	Back-up mode	manual or automatic	manual or automatic	manual or automatic
Redundancy	Power supply redundancy	–	–	–
	Hot swappable HDD	–	–	–
Software options	PTZ control	■	■	■
	CCTV keyboard support	► –	–	■
	Admin control	■	■	■
	Export options	■	■	■

Table continued on the next page

IP Video

Digital Storage

Network Video Recorder

►DIVAR network 2000	►DIVAR network 3000	►DIVAR network 5000
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■ Available – Not available

Commercial Type Number		DDN-2516-xxxxxx	DDN-3532-xxxxxx	DRN-5532-xxxxxx
Remote access	Mobile device (smart phone)	■ Mobile Viewer app	■ Mobile Viewer app	■ Mobile Viewer app
	Network	10/100/1000 Ethernet	10/100/1000 Ethernet	10/100/1000 Ethernet
	Web browser access	■	■	■
	Simultaneous accessible users	128 (4 advised)	128 (4 advised)	128 (4 advised)
Advanced features support	Forensic search support (metadata)	–	–	–
	Webclient	■	■	■
Supported software	Bosch Video Client	■	■	■
	Bosch Video Management System	■	■	■
	3 rd Party software	–	–	–
3rd party integration tools	Optional ATM/POS integration	–	–	–
	SDK (IPP*)	■	■	■
	Bosch Video Management System	■	■	■
	3rd Party software	–	–	–

* Integration Partner Program (IPP) for more information visit <https://www.boschsecurity.com/x/en/partners>

IP Video

Digital Storage

Hybrid Network Video Recorder

►DIVAR hybrid 3000	►DIVAR hybrid 5000
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■ Available – Not available
► = indication of main differentiator(s)

Commercial Type Number		DDH-3532-xxxx00	DRH-5532-xxxxxx
Basic functions	Max. system size	16 analog + 16IP or 32IP	16 analog + 16IP or 32IP
	Looping AN Video	► –	■
	Alarm Inputs / Outputs	► 16 / 3	16 / 6
	RAID Level	► –	RAID-1, RAID-5
	Supported resolutions IP cameras	up to 12MP	up to 12MP
	Supported resolutions AN cameras	up to 960H	up to 960H
	Video compression	H.264, H.265, MPEG-4	H.264, H.265, MPEG-4
	Transcoding	–	–
	Bosch IP native camera integration	■	■
	ONVIF	■	■
Mechanical	Form factor	► 1U high Desktop	1.5U high Rack Mount
	Network connections (LAN)	2x Gigabit Ethernet	2x Gigabit Ethernet
	Build-in PoE+	–	–
	USB ports	1x USB 2.0, 2xUSB 3.0	1x USB 2.0, 2xUSB 3.0
Video output	Connector type	VGA, HDMI	VGA, HDMI
	Spotmonitor	■ (HDMI)	■ (HDMI)

Table continued on the next page

IP Video

Digital Storage

Hybrid Network Video Recorder

►DIVAR hybrid 3000

►DIVAR hybrid 5000



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		DDH-3532-xxxx00	DRH-5532-xxxxxx
Audio	In / out channels IP cameras	32 in	32 in
	Compression type IP camera	G.726	G.726
	In / out channels recorder	4 in / 1 out	4 in / 1 out
	Compression type recorder	G711a	G711a
	Synchronous audio	■	■
	Associate multiple cameras to 1 Audio	–	–
Storage options	Max. drives supported	2	4
	Available capacities per drive	1, 2, 3, 4 or 6TB	1, 2, 3, 4 or 6TB
	Base system capacity TB	0, 2TB	0, 4TB
	Max. Base system capacity TB	12TB	24TB
	Full system capacity TB	12TB	24TB
	Extensible / external support	–	eSATA
Storage extensions	Max. number of units	–	1
	Maximum drives supported	–	1
	Available capacities per drive	–	1, 2, 3, 4 or 6TB
	Hot swappable	–	–
Export/back-up of data	Data format	native, ASF	native, ASF
	Built-in DVD writer	■ (optional)	■ (optional)
	Supported devices	USB 2.0, USB 3.0, internal DVD Writer	USB 2.0, USB 3.0, eSata, internal DVD Writer
	Back-up mode	manual or automatic	manual or automatic
Redundancy	Power supply redundancy	–	–
	Hot swappable HDD	–	–
Software options	PTZ control	■	■
	CCTV keyboard support	–	■
	Admin control	■	■
	Export options	■	■
Remote access	Mobile device (smart phone)	■ Mobile Viewer app	■ Mobile Viewer app
	Network	10/100/1000 Ethernet	10/100/1000 Ethernet
	Web browser access	■	■
	Simultaneous accessible users	128 (4 advised)	128 (4 advised)
Advanced features support	Forensic search support (metadata)	–	–
	Webclient	■	■
Supported software	Bosch Video Client	■	■
	Bosch Video Management Systems	■	■
	3rd Party software	–	–
3rd party integration tools	SDK (IPP*)	■	■

* Integration Partner Program (IPP) for more information visit <https://www.boschsecurity.com/x/en/partners>

IP Video

Video Software

■ Available – Not available

▶ = indication of main differentiator(s)

▶Video Management System



Name		BVMS Viewer	BVMS Lite	DIVAR IP all-in-one 4000	DIVAR IP all-in-one 6000	DIVAR IP all-in-one 7000	BVMS Plus	BVMS Professional
System features	Included cameras (max cameras)	▶ 16 (500)	8 (42)	8 (32)	8 (64)	8 (256)	8 (256)	8 (2.000)
	Maximum number of workstations	▶ 1 (1)	2 (5)	2 (5)	2 (20)	2 (20)	5 (20)	5 (100)
	Maximum number of BVMS subsystems	▶ –	–	–	0 (20)	0 (20)	0 (20)	0 (100)
	Maximum number of Bosch VRM servers	▶ 32 ¹	2	2	2	2	2	125
	Maximum storage capacity	▶ n.a.	2 x 4 PB	3 x 36 TB	5 x 72 TB	5 x 192 TB	2 x 4 PB	125 x 4 PB
	Forensic search	▶ ■	■	■	■	■	■	■
	DVR support	▶ 5 (32)	1 (10)	1 (10)	1 (10)	1 (10)	1 (10)	1 (50)
	Events and alarms	▶ –	■	■	■	■	■	■
	Streamlining	▶ –	■	■	■	■	■	■
	GPU decoding	▶ ■	■	■	■	■	■	■
	Remote access	▶ –	■	■	■	■	■	■
	Dynamic transcoding	▶ ■	■ ²	■	■	■	■ ²	■ ²
	Web client	▶ –	■	■	■	■	■	■
	Keyboard support	▶ 1 (1)	2 (5)	2 (5)	2 (10)	2 (10)	5 (10)	5 (100)
	Offline map functionality	▶ –	■	■	■	■	■	■
	Online map functionality	▶ –	■	■	■	■	■	■
	Map-based tracking assistant	▶ –	■	■	■	■	■	■
	Audio support	▶ ■	■	■	■	■	■	■
	Decoder support	▶ –	■	■	■	■	■	■
	BVMS Config Wizard	▶ –	■	■	■	■	■	■
	Live & Playback sites	▶ 16 (9999)	–	–	0 (20)	0 (20)	1 (20)	1 (9999)
Supported camera devices	Bosch panoramic cameras	▶ ■	■	■	■	■	■	■
	Bosch UHD cameras	▶ ■	■	■	■	■	■	■
	Bosch HD cameras	▶ ■	■	■	■	■	■	■
	Bosch SD / VGA cameras	▶ ■	■	■	■	■	■	■
	Third party ONVIF Profile S cameras	▶ ■	■	■	■	■	■	■
	Bosch H.265 cameras	▶ ■	■	■	■	■	■	■
Redundancy	Automatic Network Replenishment (ANR)	▶ –	■	■	■	■	■	■
	VMware® vSphere / Microsoft Hyper-V	▶ –	■	–	–	–	■	■
	Virtualization support	▶ –	■	–	–	–	■	■
	VMware® vSphere High Availability support	▶ –	■	–	–	–	■	■
	Microsoft Hyper-V Failover Cluster and Hyper-V	▶ –	■	–	–	–	■	■
	Replica support	▶ –	■	■	■	■	■	■
Alarm management	Failover VRM	▶ –	8 (42)	0 (32)	0 (64)	0 (256)	8 (256)	8 (2000)
	Dual Recording	▶ –	8 (42)	0 (32)	0 (64)	0 (256)	8 (256)	8 (2000)
	Logbook	▶ –	■	■	■	■	■	■
	Events and alarms	▶ –	■	■	■	■	■	■
	Email notification	▶ –	■	■	■	■	■	■
	Alarm-based recording	▶ n.a.	■	■	■	■	■	■
	Motion recording	▶ n.a.	■	■	■	■	■	■
	Video Analytics events	▶ –	■	■	■	■	■	■
	SNMP support	▶ –	■	■	■	■	■	■
	Workflow with instructions on alarm	▶ –	■	■	■	■	■	■
Integration	Maximum number of Bosch B/G Series intrusion panels	▶ –	1 (5)	1 (5)	1 (10)	1 (10)	1 (10)	1 (40)
	Access Management System	▶ –	5	5	5	5	5	5
	I/O module support	▶ –	■	■	■	■	■	■
	Active directory	▶ ■	■	■	■	■	■	■
	ATM-POS support	▶ –	■	■	■	■	■	■
	Additional data	▶ –	■	■	■	■	■	■
	License plate recognition	▶ –	0 (5)	0 (5)	0 (10)	0 (10)	0 (10)	0 (50)
	Software Development Kit (SDK)	▶ –	■	■	■	■	■	■

¹ limited

² additional hardware required

IP Video

Viewing Software

►Video Security App



►Video Security Client



■ Available – Not available

► = indication of main differentiator(s)

Name		Video Security App	Video Security Client
	No. of channels	120 per site	128 per site
	Usage situation	Mobile	PC and Mobile
	Workstation OS support	iOS, Android	Windows 10.1607 “Anniversary Update” (64-bit) or higher
	Software based Video IP Platform	■	■
	Multi-site Support (independent systems tied together)	–	–
	Multi-site Support (dispersed system recording, cameras, remote independent client)	–	–
Key technologies supported	Dynamic Transcoding	■	■
	Video analytics	■	■
	Client side dewarping (panoramic)	■	■
	4K UHD starlight	►	■
Encoding	H.264/HEVC/H.265	■/■/■	■/■/■
	MPEG-4	■	■
	3rd party camera support	■ (with VSG)	■ (with VSG)
Viewing	Multi-monitor support	–	–
	16:9 monitor support	►	■
	Viewing frequency	–	–
	Dynamic cameo scaling	■	■
Alarm Management	User management	–	–
	Digital I/O alarms	–	–
	System event alarms	–	–
	Motion alarms	–	–
	Event response and command scripts	–	–
	Video analytics alarms	–	–
	Video analytics forensic search	■ (Simple search)	■ (Simple search)
	Audio	–	–
	Compound events	–	–
	Scheduled dependent alarming	–	–
	Event allocation to user groups	–	–
Control	AUTODOME Intelligent Tracking	■	■
	PTZ	■	■
	IntuiKey	–	–
	Virtual matrix	–	–
Storage	@edge camera support	■	■
	iSCSI	■	■
	NVR support	–	–
	VRM	■	■
	Video analytics metadata	■	■
	Support redundant storage	–	–
	DLA Support (VRM Mode)	■	■
Integration	BRS	–	–
	DxR 400 / 600 / 700	–	–
	Virtual inputs	–	–

IP Video
Encoders

►VIDEOJET multi 4000



■ Available – Not available

Commercial Type Number		VJM-4016
	Description	16 Channel H.264 Video Encoder
Video/Audio	Camera Inputs	16
	Video Codec	H.264 High Profile
	Max. frames per second (fps)	25/30@4CIF
	Audio in / out	2/1
	Transcoding at the edge	–
Intelligence	Direct-to-iSCSI	■
	Video Analytics	Motion+
Interfaces	Alarm In	4
	Relay Out	1
	ONVIF conformant	■

IP Video
Decoders

►VIDEOJET decoder 7000



■ Available – Not available
► = indication of main differentiator(s)

Commercial Type Number		VJD-7513
	Description	High performance H.265 UHD decoder
Video/Audio	Monitor Outputs	2 (HDMI, DP via USB-C)
	Video Codec	H.265, H.264, MPEG-4, MPEG-2
	Max. frames per second (fps)	4x 30@UHD* 10x 60@1080p* 18x 60@720p* 28x 60@432p*
	Audio in / out	via HDMI
	Transcoding at the edge	–
Interfaces	Alarm In	–
	Relay Out	–
	ONVIF conformant	–
Other	Keyboard	supported for IP Matrix
	IP Matrix	■

* at 25° C with a single HD monitor connected

IP Video

Flat Panel Monitors

►High Definition



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		UML-245-90	UML-275-90	UML-274-90	UML-324-90	UML-434-90	UML-554-90
Display	Type	23.8" LED	27" LED	27" LED	32" LED	43" LED	55" LED
	Max Pixel Resolution	1920x1080	3840x2160	1920x1080	1920x1080	1920x1080	3840x2160
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
	Brightness (cd/m²)	250	300	350	500	400	450
	Contrast Ratio	1000:1	1000:1	3000:1	3000:1	3000:1	4000:1
	Backlight	30,000 hrs	30,000 hrs	30,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
	Viewing Angle (HxV)	178x178	178x178	178x178	178x178	178x178	178x178
Connectors	Composite Video (BNC)	–	–	–	–	–	–
	VGA	–	–	■	■	■	■
	DVI-D	–	–	■	■	■	■
	HDMI	■	■	■	■	■	■
	Display Port	■	■	■	■	■	■
Audio	Input	–	–	■	■	■	■
	Speaker	■	■	■	■	■	■
Mechanical	Width	541 mm	615.1 mm	633.6 mm	737.9 mm	978.3 mm	1253.8 mm
	Height	387.3 mm	428.4 mm	371.8 mm	431.5 mm	568.8 mm	722.6 mm
	Depth	219.7 mm	219.7 mm	64.8 mm	71.5 mm	74.7 mm	74.1 mm
	Weight	3.5 kg	4.0 kg	6.8 kg	11.6 kg	18.6 kg	30.5 kg
Power	Power Supply	Separate	Separate	Integrated	Integrated	Integrated	Integrated
	Power Consumption	<35W	<45W	<50W	<60W	<75W	<155W
Misc.	Picture-in-picture	–	–	–	–	–	–
	Front Panel Lockout	–	–	–	–	–	–
	IR Remote	–	–	■	■	■	■
Cables Included	VGA-to-VGA	–	–	■	■	■	■
	HDMI-to-HDMI	■	■	■	■	■	■
	DVI-to-DVI	–	–	–	–	–	–
	DP-to-DP	■	■	■	■	■	■
	DP-to-MiniDP converter	■	■	■	■	■	■
Mounting	VESA Compliant	■	■	■	■	■	■
	Rack-mountable	–	–	–	–	–	–
	Fixed desktop stand	within box	within box	within box	within box	within box	within box
	Adjustable desktop stand	UMM-LED27-SD	UMM-LED27-SD	UMM-LED27-SD	–	–	–
	Fixed Wall Mount	–	–	–	–	ST650	ST650
	Swivel/Tilt Wall Mount	UMM-LW-30B	UMM-LW-30B	UMM-LW-30B	UMM-WMT-32	–	–

Notes

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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