



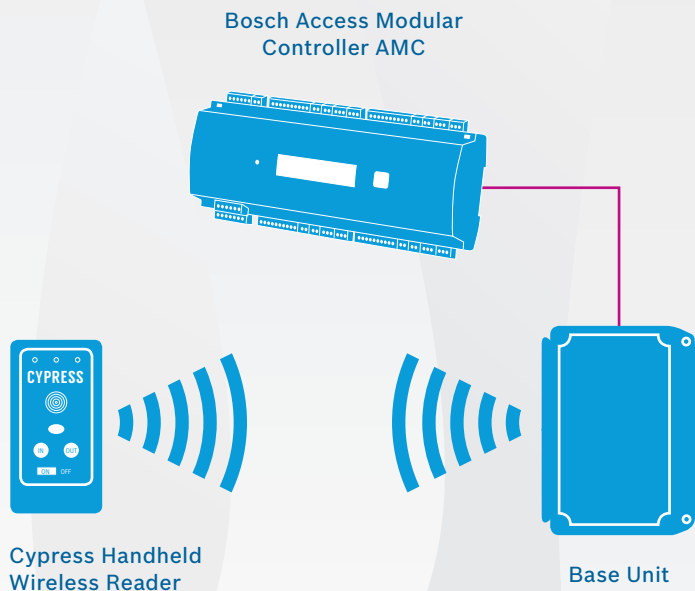
BOSCH

Invented for life

Integrated Security, Safety and Access Control Solution

Wireless Handheld Reader

Bosch Security Systems and Cypress



- ▶ Cypress Handheld Reader wirelessly connects with Bosch BIS Access Engine
- ▶ Handheld Reader verifies active credentials in real time
- ▶ Range: 45m (150') indoors / 75m (500') outdoors can be extended up to 1500m (5000') using Cypress Repeaters
- ▶ Diagnostic indicator on Reader's Base Unit for determining unit's operational status
- ▶ Dedicated button on the Handheld Reader for security officers to trigger duress alarms and control gates

CYPRESS
INTEGRATION SOLUTIONS

Integrating the Cypress Handheld Wireless Reader with the Bosch Access Control System enables identity verification without being tied up to a building or booth. The Cypress reader verifies active credential data in real time, by wirelessly communicating with the Bosch Access Modular Controller (Bosch AMC). The Handheld Reader is equipped with an easily accessible relay which can be used to control entrances and exits, or to trigger possible duress notifications. Along with the flexible identity verification, the Bosch Building Integration System (Bosch BIS) along with Bosch AMC enhances the security and safety of the premises by enabling integration with video, public address and fire alarm systems. Using Cypress Repeaters, the Handheld Reader's Range can be extended up to 1,500 meters.

Compatibility

Cypress	Bosch Security Systems
Cypress RPT-5651 Repeater	Bosch BIS Access Engine with Bosch Access Modular Controller (AMC)



Transportation and Cargo

Wirelessly scan and verify credentials by connecting to active credential data, for effective screening of vehicle occupants, to improve protection of people, vehicles and cargo at guard booths and terminals.



Military

Rapidly deploy access control to quickly secure new areas. Increase security by enabling random screening beyond fixed door or gate readers. Handheld readers are also implemented for asset tracking and mustering.



Petrochemical & Manufacturing Facilities

Establish an added layer of perimeter protection by enabling random screening beyond fixed readers at doors and gates. Security officers can trigger possible emergency notification from the Cypress handheld unit.



Healthcare and Education

Verify staff attendance, track assets, enable security officers to better secure parking areas and organize emergency assembly points, mustering efforts and disaster preparation.

Key features

Handheld Verification of Active Credentials

By maintaining a connection to the Bosch Access Engine, the Cypress Handheld Wireless Card Reader enables credential verification which works exclusively on active data.

Security Officer Empowerment

Along with credential verification, the Cypress Handheld Wireless Reader empowers security officers by including fingertip control of a relay, which can be set to open or close doors or gates, or trigger a possible duress notification for enhanced efficiency and security.

Random and Remote Screening

Add an extra layer of security by randomly screening credentials whenever the need arises. The Cypress Handheld Wireless Card Reader allows remote badge checks, for semi trucks, construction vehicles, or inside buses. It can also be used to verify staff attendance. Depending on the environment, the Cypress Handheld Wireless Card Reader will verify credentials up to 45m (150') from the Access Engine when indoors, or up to 75m (500') outdoors using Cypress Repeaters for extra distance or installation challenges.

Installation / configuration notes



Step 1

Connect each of the 2 Base Unit boards to power, ground, Wiegand Data 0, Data 1, and LED input to separate Wiegand ports on the Bosch AMC.



Step 2

Power on the handheld unit (charge handheld unit if necessary).



Step 3

Check that the handheld unit's blue communications LED and the base unit's flashing green diagnostic LED are lit.



Step 4

Test configuration by swiping badge on handheld unit

The Bosch division Security Systems is a leading global supplier of security, safety, and communications products, solutions and services. Protecting lives, buildings and assets is our aim. The product portfolio includes video surveillance, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communication of voice, sound and music complete the range. Bosch Security Systems develops and manufactures in its own plants across the world. Additional information can be accessed at www.boschsecurity.com

Visit www.ipp.boschsecurity.com for details on the Bosch Integration Partner Program

Cypress Integration Solutions manufactures award-winning access control solutions installed in thousands of systems worldwide. With 30+ years of trusted expertise in access control protocol and format conversions, Cypress is a leader in providing products which conform to the Security Industry Association's new OSDP protocol, for protecting Wiegand readers from hacking, and enabling supervision, security and interoperability. Talk with Cypress about rapid deployment handheld readers, wireless Suprex reader-extendors, format converters, outside-the-box RFID solutions, custom project solutions, and proven ways to protect the bottom line. Additional information can be accessed at www.cypressintegration.com.