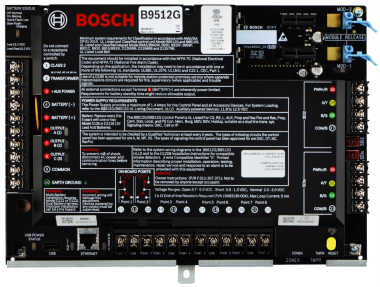
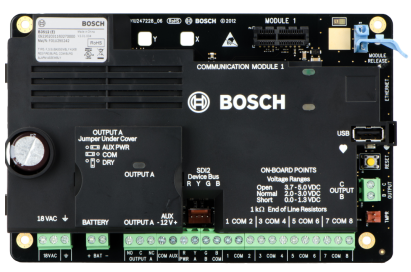
Intrusion Integration Protocol (Mode2)
Commands available with Mode 2 Protocol

Bosch B Series, G Series control panels





1 Scope

This document describes the commands available via Mode 2 Protocol. The Bosch B Series and G Series control panels provide an interface to allow external systems to monitor and control the security alarm panel, perform user management, and perform basic maintenance operations.

Send all requests for this protocol to the following email adress: integrated.solutions@us.bosch.com.

2 Intrusion Integration Protocol (Mode2) List of Commands

- Identify panel type
- Authenticate with Panel (this could be and “admin” type user with access to all com-mands or it can be authenticated as a Panel internal user. If authenticated as a Panel in-ternal user the connection will have limited access to commands based on Panel pro-gramming)
- Request Protocol version
- Request Panel Capacities (discover how many Areas, Points, Outputs, Users, Keypads, and Doors are supported by the connected panel)
- Various commands to request whether the currently authenticated user has permission to perform the commands
- Request Panel date and time
- Set Panel date and time
- Request raw history events (control panels have an event log that stores up to 10,000+ events and this command retrieves detailed event data that requires a processing to make it human readable)
- Request text history events (retrieves human readable event data)
- Turn Watch Mode on or off (Watch Mode chimes the keypad when certain entry/exit points are faulted e.g. to indicate a customer is entering a store)
- Reset Sensors (temporarily drops power to select sensors to reset latching alarms)
- Silence (alarm) Bells
- Activate Bell Test
- Send Test Report (to the central monitoring station)
- Display Text At Keypad (temporarily custom text at designated keypad(s))
- Set SKED (scheduled action) Execution Time
- Request current panel status (general overview of multiple panel (global) level status items)
- Multiple commands to identify the current alarm/trouble events and their details
- Request which Areas are currently configured/active
- Request the current arming status of Areas
- Change the current arming status of Areas
- Request a list of Areas not ready to be armed
- Request the status of points
- Request Area Text
- Set Area Text
- Request which Doors are currently configured/active
- Request Door Status (locked/unlocked/blocked)

Bosch Security Systems
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