

Bosch Solution 6000 Technical Specifications

Listed below are the main features of the Solution 6000 Control Panel.

- Individual Box Tamper Circuit Monitoring
- Report Via Email (Internet)
- Telephone Line Busy Tone Detect
- RAS Intelli-Connect® CLI Caller Line Identification
- Daylight Savings
- Senior Watch
- System Maintenance Interval Reminder
- System Weekly Test Reminder
- Area Inactivity Interval
- Temporary PIN
- Dual Reporting
- Dual Redundant Reporting
- Alarm Report Abort/Cancel Options
- 8 Programmable Holiday Calendars
- 16 Programmable Door Assignments
- 8 On-board Zones (Exp To 144 Zones)
- Fire Alarm Verification
- 255 PIN Users
- 4 Supervised High Power Digital Outputs
- 1 Relay 2 Amp Form (C) Contact (Expandable to 32)
- Supervised Siren Driver
- Partitionable To 8 Areas
- Dialler Reports SIA, Contact ID, SMS and Email Formats
- Supervised LAN Keypads (Maximum 16 Keypads)
- Keyswitch Input
- 1000 History Event Memory
- EMI / Lightning Transient Protection
- Fully Menu Text Programmable
- Programmable Via Solution Link Software (Remote/Direct)
- Telephone Line Fail Monitor
- Time Executed Functions
- 60+ Output Event Types
- Exit Restart
- Expansion Module Supervision
- DTMF Tone Decoder Built In
- Remote Arming

Zones

The Solution 6000 control panel provides up to 144 separate zones of protection. Zone programming determines the panel's response to open/short and tamper conditions on the zone loop.

Areas

The control panel supports up to 8 separate areas. You can assign all zones to a single area, or you can assign each zone to a combination of different areas.

You can arm and disarm the control panel by area, alternatively, you can arm and disarm several areas at the same time.

Dialler

The control panel has a built-in dialler to send reports to the receiving party (ie. Security company monitoring station, mobile phone etc).

Keypads

You can connect a maximum of 16 fully supervised keypads to the control panel. The available current affects the total number of keypads that you can connect without the need to provide additional power supplies.

History Log

The control panel can store up to 1000 history events from all 8 areas. All events are stored in the log, even if they are programmed not to report via the on-board dialler.

You can view the control panel's history log via keypad, serial printer (optional), or by connection of a personal computer (direct/remote) using the Solution Link upload/download software.

Programming

You can program the control panel either by a keypad or using a personal computer using the Solution Link upload/download software

Power Requirements

Voltage Input	16-18V A.C 50-60Hz – 24VA External Power Adaptor or 220-240V A.C. to 18V A.C 50-60Hz – 24VA Internal Transformer (Primary Power Source)
Continuous Power	1 Amp MAX (Combined power drawn from Accessory Power (+12V) LAN Power (Module LAN +) and Output Power (C+) terminals must not exceed 1 Amp.
Alarm Power	4 Amp (Total with primary and secondary power sources fitted)
Stand-by Battery	12 VDC, 7.2AH sealed rechargeable battery – Panasonic LC-P127R2P or equivalent. (Secondary Power Source). Dispose of used batteries according to instructions.
Min Operating Voltage	10.2 VDC
Battery Charger	Pulse by pulse charger. (Note: Charge voltage cannot be measured unless battery is fitted.)

Connections

Module Connection (RS485 LAN)	Max. total LAN length using multi strand security cable = 300m Max. total LAN length using 2 pair twisted shielded data cable (Belden 8723) = 1200m. See the product installation manual for complete wiring instructions.
Telephone Connections	RJ-12 Socket or 4-way terminal Communications

Communications

Communications	CID, SIA, SMS, Email, Voice, Domestic Dialling, GSM-CID, GSM-SMS, Connetix IP, CSV-IP
----------------	---

Environmental Considerations

Temperature	0 o to 55oC Relative Humidity 5 to 85% non-condensing Enclosure
Relative Humidity	5 to 85% non-condensing

Enclosure

Enclosure Fixing Method	CM720B – Small Enclosure Using appropriate fasteners capable of handling a minimum of 6kgs to fix the cabinet against a sturdy surface using the mounting holes provided. CM730B – Large Enclosure Using appropriate fasteners capable of handling a minimum of 12kgs to fix the cabinet against a sturdy surface using the mounting holes provided.
Enclosure Dimensions	MW720B: 385(W), 260(H), 90(D)mm MW730B: 385(W), 520(H), 90(D)mm
PWA Dimensions	235(W), 85(H), 40(D)mm
Warranty	3 years