Solution 6000

The Integrated Access Control & Alarm System made for your business

The Solution 6000 Integrated Access Control & Alarm System offers an extensive feature listing including integrated proximity, numerous wire free options, high speed windows programming software and the simplest user - installer interface on the market today.

BOSCH
Invented for life

Solution 6000 –
Your business security solution

You have a responsibility to your staff and your business to protect them. Should a burglary or other incident occur, the loss is not just the items destroyed or stolen – it's the loss of comfort and security that your workplace once provided. The Solution 6000 from Bosch Security Systems provides you with an expandable solution that can be tailored to fit your business perfectly. This integrated access control and alarm system combines an impressive array of alarm functionality with the access control capabilities you've always needed. With future focused technology and the ability to adapt to your changing needs and work environment, Bosch have eliminated the complexities of finding the right security solution for your business. Look no further than the Solution 6000 to unlock the access and alarm solution that your business has been looking for.

Expandable to suit your business needs

Every business is different, and the Solution 6000 can adapt to any requirements. It is capable of providing simple cost effective solutions for mid-sized businesses, yet is powerful enough to handle 144 zones (detection devices), and even up to 16 access doors when fully expanded for large applications.

The Solution 6000 has the ability to cater for up to 256 users, providing a perfect fit for most business users. With programmable authority levels, you determine which functions each staff member can perform: simple operations such as turning the system on and off, or accessing restricted areas. Customised security has never been so simple.

If a user is enabled for door access, presenting a token or access card to an internal or external proximity reader will provide entry, which can be monitored and reported by the system.

Integrated Access Control

Access Control is no longer reserved only for larger more expensive systems. The Solution 6000 incorporates proximity technology from Bosch, providing an affordable and effective solution for integrated access control for up to 16 access doors or proximity readers - ideal for mid-sized commercial installations. Compatible proximity readers incorporate entry/exit and lock control built-in, which reduces cost and simplifies installation.

Bosch provides you with a choice of access control user interfaces including internal or weatherproof external proximity readers, keypads with built-in proximity readers, or for a higher security option, biometric fingerprint readers.

Access Control Features

Comprehensive access control features including Holidays, Date / Time and Day of the Week Schedules allow you to easily manage your employee access and the arm/disarm functions of the security system. Up to 16 time zones can be set up, with each containing up to 4 time periods. Time zones can be used to automatically arm/disarm your security system at specific times, like automatically locking a reception door at 5pm, as well as controlling user access to doors such as the warehouse after 4pm, or to automatically control outputs, like gates that close automatically at 5.30pm.

Multiple Arming Options

The versatility of the Solution 6000 is captured in its ability to provide the right arming option for any business. Up to 256 individual system users have the choice of arming and disarming using a unique PIN code (up to 8 digits long), a wireless remote, proximity card or token, biometric fingerprint or by using the Auto Arm function.

The flexibility of the Auto Arm Function enables you to program your system to automatically arm at pre-defined times. Programmed schedules can also extend to control the locking of gates or turning building lights on and off, providing a complete business solution.

Proximity tokens and cards are programmed with the user's access rights and can be presented to any reader to arm/disarm or enter a door.

Simple to use, with plenty of **flexibility**

Simple Operation

The standard Bosch keypad features a graphical user interface that incorporates a text-driven menu system. Colour coded, illuminated keys make it easy to operate your security system, day or night. Red and green indicators provide easy identification of Armed and Disarmed modes, and the built-in sounder provides audible feedback when operating the system.

An enhanced version of the Graphic Keypad incorporates a built-in proximity reader, allowing users to simply present their token to the keypad to arm/disarm and or unlock a door in one simple action.

Where required for external applications, like warehouse entry or main entrances, stainless steel weatherproof keypads are also available in slimline or standard fit, designed to complement any building facade.

Easy Remote Arming

The Solution 6000 can be programmed to use a wireless remote that easily fits onto your keyring. These small remote controls allow you to arm and disarm your business premises by simply pressing one button.

The wireless remote can also be used to set the system in STAY mode, act as a portable panic button, and can even be used to switch lights and open factory gates & doors.

Flexibility

Solution 6000 can be programmed to manage 144 zones that can be divided into 8 separately controlled areas. The 144 fully programmable intrusion zones can support sensors fitted to doors and windows, motion sensors and smoke detectors. When events are detected, the Solution 6000 can sound sirens, transmit events to your monitoring service provider and activate lights, providing security you can rely on 24 hours a day.

Your Solution 6000 can store up to 1000 events ie. arm/disarm functions and door access reports for each user, which can be viewed from the keypad by the master user. This way you can monitor the movements of your staff daily if required.

With 5 on-board outputs (expandable to 37), and one already preprogrammed for a roller shutter or garage door, your Solution 6000 can cater for all your building automation requirements, including lighting, air conditioning, irrigation - just about anything that is controlled via a switch and can be programmed.

A wireless remote allows you to arm / disarm the building, and, if programmed, can be used as a panic button or building automation switch.

Reliable protection
need not cost a fortune!

Protecting Your Assets

The Solution 6000 provides the flexibility to divide your alarm system into a number of separately controllable areas including a common area (this can be a reception area, hallway, or underground carpark). It provides the flexibility for your staff to arm and disarm the areas that they have been given access to, without affecting other areas of your business. For your convenience the Solution 6000 can be configured to use a single key pad for all areas, or individual key pads for each area.

Cost Effective Technology

State-of-the-art security technology has previously been unattainable for some due to prohibitive costs. Now, the Solution 6000 eliminates this obstacle, thanks to its unrivalled price / performance ratio. The benefits begin with the installation stage itself, which is straightforward, inexpensive and, if you wish, wireless. Complex security installations are now a thing of the past.

High Speed, High Security

The security system communicates with other system modules via the built-in high speed connection (RS485 LAN), and for increased security, uses high level encryption. In this way, devices can be placed up to 1.2km from the control panel itself, making the system extremely flexible when dealing with large buildings or multiple buildings, like separate warehouses.

The GSM/GPRS and Ethernet options provide a high security backup communications path to phone line reporting, or can be used as the primary reporting path where VOIP or digital communications are used in the building.

24 Hour Protection

The Solution 6000's chime mode allows you to audibly monitor a zone or group of zones, such as business entry doors for customer entry during business hours or entry into storage areas while your system is disarmed. The chime mode feature is extremely useful for monitoring driveways and fire doors too. This fully automatic self testing unit allows you to forget the system is there, while knowing you are still protected.

Versatility

The Solution 6000 offers you a wide choice of features and options, which coupled with the vast range of accessories available from Bosch Security Systems, ensures a system can be designed to suit your specific needs. Whether your office space is large or small, Bosch Security has a solution for you.

Solution 6000 Product Matrix

Showing Products Scheduled For Release In 2014 - Firmware Release V2.15

Any one of the IP modules shown on the right can be installed. IP via WiFi is available when the WiFi keypad is used.

P/N - CM743B
Plug On GSM/ GPRS Module

F.01U.271.875

or

P/N - CM365B
IP Communications Module
2G GSM/GPRS/SMS/Ethernet

F.01U.287.310 x1

or

P/N - CM751B
Plug On Ethernet IP Module

F.01U.271.877

P/N - CM101B
Interactive Voice Control Module

x1

F.01U.271.505

P/N - SW500B
Upload/Download Software (V2.11 or higher)
F.01U.271.750

P/N - CC610PB
Solution 6000 Security Controller PCB
F.01U.294.849

P/N - SW501B
Site Manager
Onsite Administration Software
(IP Ethernet Connectivity Required)
F.01U.294.862

Panel supports direct RX connection or via CM195.

1 x RF3212E Receiver-Directly Connected
4.998.800.010

P/N - CM195
Multi RF Receiver Interface
F.01U.271.513

x1

RF3212E RF3212E RF3212E

P/N - CM710B
4 Way LAN Relay Output Expander Module

F.01U.271.516 x8

P/N - CM720B
1AMP LAN Power Supply & Battery Charger Module

F.01U.271.517 x8

Up to 16 keypad devices of any type can be installed on the Solution 6000 panel. This includes Keypads, Readers and Wiegand to LAN Interfaces.

P/N - CP050B
Night Arming Station

F.01U.271.536

P/N - CP151B
Slim Style External Keypad

F.01U.271.870

Graphic Keypad
P/N - CP700B White
F.01U.275.889
P/N - CP710B Black
F.01U.275.891

Fingerprint Reader
P/N - CM729B White
F.01U.275.882
P/N - CM728B Black
F.01U.275.883

P/N - CP150B
External Keypad
F.01U.271.869

WiFi

Graphic Keypad With WiFi
P/N - CP740B White
F.01U.294.858
P/N - CP743B Black
F.01U.294.860

SMART CARD CREDENTIALS AND LAN READERS

P/N - PR365
Adhesive Smart Card Sticker
F.01U.294.869

P/N - PR301
Smart Card Token with Keyring
F.01U.294 867

P/N - PR350
ISO Smart Card
F.01U.294.868

Graphic Keypad with Internal Smart Card Reader
P/N - CP722B White
F.01U.294.854
P/N - CP732B Black
F.01U.294.856

External Smart Card Reader
P/N - PR116B White
F.01U.294.866
P/N - PR115B Black
F.01U.294.865

Internal Smart Card Reader
P/N - PR114B White
F.01U.294.864
P/N - PR113B Black
F.01U.294.863

PROX CREDENTIALS AND LAN READERS

P/N - PR250
ISO Prox Card
F.01U.271.875

P/N - PR260
Clam Shell Prox Card
F.01U.271.693

P/N - PR200
Prox Token
F.01U.271.690

P/N - PR201
Prox Token with Keyring
F.01U.271.691

Graphic Keypad with Built-In Prox Reader
P/N - CP701B White
F.01U.275.890
P/N - CP711B Black
F.01U.275.892

External Prox Reader
P/N - PR112B White
F.01U.271.874
P/N - PR111B Black
F.01U.271.873

Internal Prox Reader
P/N - PR110B White
F.01U.271.872
P/N - PR109B Black
F.01U.271.871

P/N - CM797B
LAN Isolator Module
F.01U.275.885

x8

Up to 8 LAN Isolator modules can be connected Isolators provide electrical isolation between LAN segments reducing the chance of surge damage. Isolators can also be used to increase the total LAN length.

P/N - CM704B
8/16 LAN Zone Expander
F.01U.271.515

x8

Up to 8 zone expanders of any type can be connected to the system. When using Single or Alarm & Tamper EOL, the CM707B can be installed to provide 16 zones on the CM705B Expander. The CM707B cannot be installed when using split EOL monitoring.

Max panel zone count configuration is:
Single EOL = 136
Alarm & Tamper =136
Split EOL = 144

P/N - CM707B
8 Zone Piggy
Back Expander
F.01U.275.888

x8

P/N - CM705PB
8/16 Universal LAN Zone
Expander PWA Only
F.01U.275.880

= Encrypted RS485 LAN
= ISOLATED Encrypted RS485 LAN
= Programmable Serial Input

P/N - CM796B
Wiegand to DF RS485
LAN Interface Module
F.01U.287.314

x15

x1

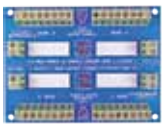
P/N - CM760B
Real Time Clock Module
F.01U.275.884

Wiegand to LAN Interface can support 3rd party readers up to 40 bits.

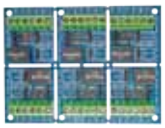
The CM723B can be easily installed inside the CM350, MW720B and MW730B enclosures.

P/N - CM723B
LAN 5 Amp P/S Module
With Dual Battery Chargers
F.01U.275.894

P/N - CM900B
Direct Link Interface
F.01U.271.519



P/N - CM435B
Power Terminal
Expander Module
F.01U.275.898



P/N - CM940B
6 Way Programmable Relay Card
Can be separated into single relay cards.
F.01U.275.899

P/N - CM255B
Panel Default Unlock Key
Will reset Installer PIN and RAS
PIN on Solution 6000 panels.
F.01U.271.514

P/N - CM436B - F.01U.271.892
Desktop Reader Interface For
Wiegand Readers.
No Reader supplied.

P/N - CM437B
Desktop Reader Interface With Prox
and MiFare Readers.
DF Format Readers Supplied.

CM436B and CM437B are for use with Solutionlink and Site Manager Software packages and allow user credentials to be learnt at the PC.

Panels, modules and keypads with Orange product labels or serial number labels are running Digiflex's proprietary RS485 LAN system.

They are not compatible with older modules carrying white product labels with the exception of the CM195 which is not a LAN module.

Made In Australia

Copyright © 2014 — In the interest of ongoing product improvement we reserve the right to change specifications at any time without notice — E&OE — Solution 6000 Product Matrix 8/2014

Contactless **Smart Card** technology

The Solution 6000 now includes advanced Smart Card technology. Smart Card systems are designed to provide a higher level of security and incorporate microprocessors capable of handling encryption functions on the card itself. While conventional RFID cards share their card data with any reading device (which increases the risk the card can be copied or replayed), Smart Cards will first communicate with a reading device to determine whether both card and reader are from the same system. If the system is not known to the card, it will not send any data – making the cards virtually uncopyable.

Smart Card credentials (cards, keyfobs, etc) also incorporate internal memory modules capable of holding additional data such as account information or personal details. In the future the Solution 6000 will include the ability to store and read data from the card. If you have specific applications for data storage on your Smart Cards, you should contact your local Bosch distributor for more information.

Smart proximity tokens, cards keypads & readers.

WiFi technology in the **Keypads**

The new WiFi enabled keypads for the Solution 6000 provide additional options for panel communications. The new keypads sit on the wired RS485 panel LAN as with other keypads, but also act as a WiFi connection device and antenna for the panel, allowing it to join existing wireless networks in the area.

Just like with the wired network module for the Solution 6000, a WiFi enabled keypad allows the panel to use such features as IP reporting, upload/download via IP, and Site Manager software to control the panel. The flexibility of a keypad is that it can easily be installed close to wireless routers or access points, allowing the panel itself to be securely stored in a location that may not otherwise provide a strong wireless signal.

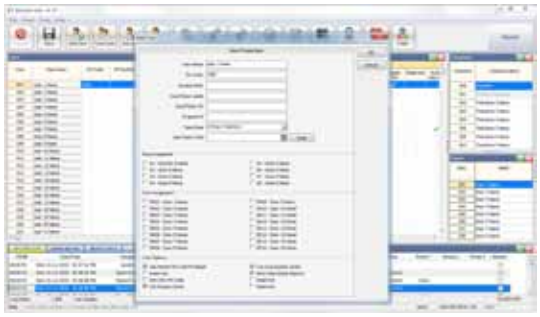
Even when using the WiFi enabled keypads, the panel itself can still be fitted with a standard communications module such the CM743B GSM Module – giving the panel an additional communications path and enhancing the overall security of the system.

Site Manager End User Software

Allows you to **remotely control** features of your alarm panel

Makes End-User System Administration Easy

Site Manager is a new software platform for the Bosch Solution 6000 intrusion panels that gives end-users the ability to easily administrate the day-to-day operations of their system. The software allows a security manager to control multiple panels in different locations by way of conventional IP networks*, giving them access to user lists, access control, timezones, and system and user activity logs.



With the software suite being topped off by a fully integrated reporting system, Site Manager places a new level of control, administration, and understanding in the hands of the end-user.

Remote Control Of Panel Features & Functions

The Interactive mode of Site Manager allows the end-user to remotely control features of the panel such as outputs, doors, and includes a live log of access and other events. When used with the optional CM436B Desktop Prox Card/Token Reader, Site Manager allows the end-user to learn in access cards and token at the administration PC, without having to go out to a field device.

Use the CM436B Desktop Prox Card/Token Reader to learn in access cards & tokens remotely.

* Site Manager requires a CM751B Plug On Ethernet IP Module for operation

Main features of the system:

- Integrated access and alarm
- 16 access doors or LAN readers
- Up to 144 zones & 256 users
- Full text menu display for programming & user control
- Proximity, biometric and external readers, with external keypad options
- Supported communication formats include Conettix IP, GSM, SMS, Email, CID, GPRS, CSV IP, SIA 3+ Text, Voice and Domestic Dial
- SMS via Bosch GSM & SMS panel control ie. arm, disarm
- Up to 37 outputs available with one on-board dedicated relay programmed for roller doors

Key **Accessories**

Motion Detectors

Our range includes PIR, TriTech, Anti-masking as well as pet-friendly, PIR Curtain & outdoor motion detector options that incorporate industry-leading Bosch motion detector technology for superior catch performance and reduced false alarms.

ISC-BPR2-W12
Blue Line Gen2 PIR
12m

ISC-BPR2-WP12
Blue Line Gen2
Pet Friendly PIR 12m

ISC-BPQ2-W12
Blue Line Gen 2
Quad 12m

ISC-BLD2-W12G
Blue Line Gen 2 TriTech
12m

ISC-BLD2-WP12G
Blue Line Gen 2
Pet Friendly TriTech 12m

ISC-PPR1-W16
Professional Series
PIR 16 x 21m

ISC-PDL1-W18G
Professional Series
TriTech 18 x 25m

ISC-PPR1-WA16G
Professional Series
PIR Anti-Mask 16 x 21m

ISC-PDL1-WA18G
Professional Series
TriTech Anti-Mask
18 x 25m

ISC-PDL1-WC30G
Professional Series
Curtain PIR 30 x 2.6m

OD850-F1
Outdoor TriTech (10.525 GHz)
15 x 15m

Key **Accessories**

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RFPR-12
RADION Wireless PIR

RFPR-C12
RADION Wireless PIR Curtain

RFDL-11
RADION Wireless PIR TriTech

Keyfobs and Panic Buttons

Two-button and four-button keyfobs enable system arming and disarming with the option to program custom functions. Portable and fixed-position panic buttons feature one or two buttons to reduce false activation.

RFKF-TB 2 Button Keyfob
RFKF-FB 4 Button Keyfob

RFPB-SB Single Button Panic Transmitter
RFPB-TB 2 Button Panic Transmitter

Wireless Universal Transmitters and Door/Window Contacts

Universal transmitters and Inertia Detectors monitor doors, window and other dry contacts. Door/Window contacts are available in surface mount and recessed models.

RFUN RADION Wireless Universal Transmitter

RFDW-SM RADION Wireless Surface Door/Window Reed

RFDW-RM RADION Wireless Recessed Door/Window Reed

Specialty Transmitters

These transmitters can support special applications including smoke, glass break & request-to-exit detection.

EIB186P
Brooks Smoke Detector

RFGB RADION Wireless Glassbreak Detector

DWS100
Break Glass Switch DPDT Emergency Door Release

DS1101i
Glassbreak Detector

DS150i
Request-to-Exit Sensor

DS160i
Request-to-Exit Sensor High Security

A Tradition of Quality and Innovation
For over 125 years, the Bosch name has stood for quality and reliability. Bosch is the global supplier of choice for innovative technology, backed by the highest standards for service and support.

Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to businesses, schools and homes. When you need solutions you can rely on, choose Bosch.

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