



Avolution™ S Series Security System



We know securing and safeguarding your home, family and your business is important to you and that's why it's also important to us.



The Avolution S-series security system offers you the peace of mind of having your home or business secure whenever you're away. Even when you are at home, 'Stay' modes also allow you to secure areas of your property to protect you and your family whilst inside.

With a host of inbuilt features and a range of accessories and solutions, the Avolution S-series can be tailored to suit your specific requirements and provide years of trouble free, reliable and user friendly service.

The inbuilt Digital Dialler can be used to report any alarm activations off-site to a 24 hour monitoring centre or using the optional Voice Module, call your mobile phone and provide clear pre-recorded messages to you regarding the specific locations and types of alarms. At any time you can also remotely call your Avolution security system to receive status reports, turn the system or areas of

the system on and off, control items in your home such as lighting, sprinkler systems, pumps, air conditioning and even doors or gates.

Your system can even call and inform you when your children or any nominated person has arrived home and turned the system off. Features designed to give you peace of mind.

Using a Security system has also never been easier. The Avolution system has a host of Keypads in different designs to not only blend into your décor but also provide you with a simple, easy to use and informative interface to your system. English language displays and one touch buttons make your system easy to understand and use, especially for children and the elderly.

Smart, attractive and reliable remote controls are also available to provide even more flexibility and functionality with your Avolution security system.



AVOLUTION™ Portrait Style LCD Keypad



AVOLUTION™ 4 Button Remote



AVOLUTION™ 4 Button Remote with Slide Cover



AVOLUTION™ Landscape Style LCD Keypad



Buttons can be programmed for simple system on/off tasks, panic activations when inside or around your home and can be used to control lighting, garage doors, gates and much more.

When opening doors, the Avolution system also has Access Control functionality built-in. Using proximity type readers located adjacent to doors or gates, authorised users can use cards or keyfobs to gain access, providing security through specific areas, whether they be internal or external.

A host of Avolution intrusion accessories are available to detect unwanted entry in a number of ways. Magnetic contacts can be discretely placed on windows and doors for perimeter protection whilst motion sensors, shock sensors and glass breakage detectors can be installed to detect intruders.

Pet friendly motion sensors are also available to allow your family pets to stay indoors when the system is armed. Even smoke detectors can be installed to activate the system, alerting those inside, neighbours and even sending reports and messages off-site via the inbuilt Digital Dialler and optional Voice Module.

Many functions of the Avolution system can also be made automatic. With scheduling facilities inbuilt, including programmable holiday periods, your security system can remember to arm itself, even when you forget or turn on your garden sprinklers at programmable intervals.

With scheduling, business owners can also find peace of mind knowing their Avolution security system can arm itself every night even if they or an employee forget. Scheduling and time zones can also be applied to system users, restricting them to specific hours of the day and days of the week. Access Control on doors can also be automated to allow free access to public or employees during specific times and then requiring card or keyfob access to authorised users outside those periods.

Features

- 5 year warranty
- 16 alarm zones/inputs which can be hardwired or wireless (when optional receiver is included)
- Selectable EOL resistor value per input
- Dedicated 24 hour system tamper input
- 100 Users
- Up to 80 remote control users (when optional receiver is included)
- 2 areas, each with separate 'Arm' & 'Stay' modes
- Digital Dialler with DTMF system monitoring, status and control
- Up to 7 doors of Access Control utilising LAN based proximity readers or optional Wiegand interface board
- 255 event review memory, date & time stamped
- 4 PGM's (Outputs) onboard, expandable to 8 PGM's
- Time zones for automatic operations or user restriction, includes 8 holidays and daylight savings
- 'Minder Alert' technology advises you when your child or specific user disarms the security system
- Keyboard control of outputs (ideal for garage doors, lighting, etc)
- PC Windows Management software allows for remote or direct connect
- Optional voice reporting and control with customised messages
- Chime zone facility
- Chirp sirens or flash strobe option for remote Arm/Disarm
- Choice of LCD, icon & LED keypads in two designs

AVOLUTION™ S series security system product range



21400P AVOLUTION™ S-series PCB
16 Zone Control Panel, 2 Areas, each with Arm & Stay Modes, 100 Users, Dialler with DTMF facilities, 255 Event Memory, Up to 7 Doors Access Control, 4 PGM Outputs.



21405 AVOLUTION™ Landscape Style LCD Keypad (Blue Backlit)
Displays the same information as the Portrait style Keypad and also includes Armed Status LED's for Areas.



21406 AVOLUTION™ Portrait Style LCD Keypad
Easy to read text. Zone description names can be personalised. Adjustable contrast. Screen can be customised. Shows time and date, plays back event memory with time and date stamp.



21409 AVOLUTION™ Landscape Style LED Keypad (Blue Backlit)
16 Zone LED Keypad with Door opening sideward. Buttons for all functions. Blue Back lit with soft touch buttons.



21410 AVOLUTION™ Portrait Style LED Keypad
16 Zone LED Slimline keypad with door opening downward. Back lit with soft touch buttons.



21407 AVOLUTION™ Landscape Style ICON Keypad
16 Zone ICON Landscape Keypad with Door opening sideward. Buttons for all functions. Back lit with soft touch buttons.



21408 AVOLUTION™ Portrait Style ICON Keypad
16 Zone ICON Slimline keypad with door opening downward. Back lit with soft touch buttons.



05910 Night Arm Station
Night Arming Station with two large buttons. Press one for arming and press both together for panic. Has Two LED indicators, Armed & Status (ready).



21441 4 Relay Output Board
Provides an additional Four Relays with 8 open collectors outputs to give the AVOLUTION™ system a total of Eight Outputs for ancillary functions.



15334 Voice Board
Allows for up to 90 seconds of Voice Messages to be recorded. On Alarm, delivers specific, pre-programmed messages over the phone. When dialling in, Voice messages can be used to provide Alarm and Output status messages.



15334SP Speech Programmer
Required to Record and Review Voice Messages for the Voice Board.



15630 EEPROM Data Panel Data Storage
Copies and stores all panel programming for back-up or loading between panels.



15164 Software and USB Direct Connect Cable
Programming and Upload/Download software together with Direct connect cable. Software may be used for remote PSTN or direct connection.



35250 Cellular Back-Up Unit
Cellular back up for alarm panels. Can be used if there is no phone line or if the phone is cut, the alarm can still dial out. Capable of sending text messages.



30191 Prox Reader
Weather proof Proximity Card/Tag Reader for the AVOLUTION™ S-series. One input and one output and a Red LED indicator. Connects to Keypad Bus.



30190 Pin/Prox Reader
Weatherproof PIN/Prox Card/Tag Reader for the AVOLUTION™ S-series. One input and one output and a Red LED indicator. Connects to Keypad Bus.



30192 Prox Reader with Arm Buttons
Indoor Only Proximity Reader with 'A' & 'B' buttons. Can Arm an individual Area or Night Arm. One input and Two LED indicators. Connects to Keypad Bus.



30108 Wiegand Interface Board
Allows connection and operation of any Wiegand format reader to the AVOLUTION™ system for Access Control operation. Connects to Keypad Bus.



30226 ME4100 Prox Key Tag (Grey)
Proximity EM Tag suitable for use with the Prox Reader range.



30227 Prox Card
Proximity EM Card suitable for use with the Prox Reader range.



10405 RX-16 Receiver PCB (303,433 & 915Mhz)
Connects to Keypad Bus and allows connection of Radio Pendants and Detection Devices. Any one of the 3 frequencies can be selected for RF devices.



10406 RX-16S Single Frequency Receiver (915Mhz)
Connects to Keypad Bus and allows connection of Radio Pendants and Detection Devices.



10215 4 Button Remote without Cover
Each Button may be programmed to perform different functions from Arm/Disarm to Automation and Door Control.



10216 4 Button Remote with Slide Cover
Each Button may be programmed to perform different functions from Arm/Disarm to Automation and Door Control.



00115 AVOLUTION™ Wireless 916Mhz PIR (27kg Pet Immune)
Supervised, Quad Element, 15 x 15m, 90 degree detection pattern, Pulse Count.



10415 AVOLUTION™ Wireless 916Mhz Reed Switch
Supervised Magnetic Reed Switch with additional external input, back & cover Tamperers.



10420 AVOLUTION™ Wireless 916Mhz Smoke Detector
Supervised Smoke Detector



05206 AVOLUTION™ Wireless 916Mhz Glass Break Detector
Supervised Glass Break Detector with Cover Tamper.



00103 AVOLUTION™ Quip Quad PIR (25kg Pet Immune)
Quad element sensor, 18 x 18m, 90 degree detection pattern, Selectable Pulse Count - 1,2 or 3, 15kg or 25kg selectable Pet Immunity.



00104 AVOLUTION™ 1000 Quad PIR & Microwave Dual Tech (25kg Pet Immune)
Quad element PIR & Microwave sensitivity adjustment, 15 x 15m, 90 degree detection pattern.



00105 AVOLUTION™ 2000AM Quad PIR & Microwave Dual Tech (with Anti-Masking) (25kg Pet Immune)
Quad element PIR & Microwave sensitivity adjustment, 15 x 15m, 90 degree detection pattern.



00106 AVOLUTION™ combination Quad PIR, Shock & Glass Break Detector (25kg Pet Immune)
Triple Technology, 2 Relays for PIR & Glass/Shock, 18 x 18m, 90 degree detection pattern.



00107 AVOLUTION™ Quad PIR with inbuilt Pinhole Colour Camera (25kg Pet Immune)
Audio Output, 420TVL, adjustable relay timer for DVR activation, range adjustment.



00155 AVOLUTION™ Quad Ceiling Mount 360° PIR
20m range, auto or manual Pulse Count, range adjustment.



05205 AVOLUTION™ Glass Break Detector
Detects Shock and Sound, separate adjustments, memory function, ceiling or wall mounting.



05215 AVOLUTION™ Glass Break Tester
Simulates sound frequency of breaking glass and used to test Glass Break detectors.



00305 AVOLUTION™ Ceiling Mount Bracket (Horizontal adjustment)

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience



Security Merchants is a leading distributor of electronic security equipment to trade installers in Australia, specialising in intruder alarms, keyless access control, intercoms, closed circuit television systems, locking solutions, video analytics and wireless equipment. Security Merchants was established in Australia in 1997, supplying innovative and reliable security products to the installation trade. We have since earned an enviable reputation as a leader in the industry and a supplier of choice.

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ASSA ABLOY is represented in all major regions, in both mature and emerging markets, with leading positions in Australia, Europe and North America.

As the world's leading lock group, ASSA ABLOY offers a more complete product range of door opening solutions than any other company in the market.

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