

THE DAWN OF THE TWENTY FIRST CENTURY
AND AT THE PINNACLE OF SECURITY TECHNOLOGY

introducing...

GENESIS



enter

STATE OF THE ART ACCESS-SECURITY MANAGEMENT SYSTEM

ACCESS GRANTED

GENESIS

Today's competitive business environment demands uncompromising levels of security, efficiency and sophistication. Limiting access, building management and high security solutions are of paramount importance when considering the options to safeguard your business. A safe and secure working environment means higher productivity and reduced losses, which of course means higher profits. A totally integrated building and energy management system also decreases running costs.

Genesis is the complete solution that provides everything you could expect from a high technology security and building management system while keeping foremost the simplicity of operation. Genesis can grow with your needs; the modular and expandable design allows your security management solution to expand with your business. Flexibility and versatility means Genesis can meet the most demanding requirements with minimal associated costs while still keeping it simple to use. Future building management requirements are easily met by the unprecedented innovations incorporated within Genesis.

Power and performance. With 16 bit processors on every device the Genesis is the most powerful system available today. This distributed processing ability results in unparalleled speed and reliability. In the event of a LAN failure some system devices can operate independently ensuring the integrity of the system until full communications are restored.

Wholly **Australian designed, owned and manufactured** ensures that the Genesis is fully supported in Australia by the expert team who created it.



Genesis Master Panel

Up to 512 inputs, Up to 512 outputs, 64 Areas / Partitions, 64 Timers, 64 Holidays, 9400 card users, 250 PIN numbers, PC Interface on board, 16 bit processors and RS485 LAN protocol.

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ONLINE 15:52:33
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Unique SCRIPT Programming

There is no other system that allows the technician to write their own unique programming commands to customise the system to suit your requirements. Genesis SCRIPT Programming creates the most flexible system available today. Devise a scenario that you would like your system to perform and SCRIPTS can be written to suit. Over 300 individual SCRIPT commands can be added to the Genesis in order to meet the most challenging requirements.

Modular

Up to 127 devices to be connected to the Genesis RS485 LAN network. A combination of Security Inputs, Control Outputs, Building Management Controllers and Access Control modules can be utilised to meet your requirements.

Security System

Total alarm flexibility is offered by Genesis. The inbuilt communicator can report a total of 64 separate alarm areas and 512 alarm inputs. Status of the system and system maintenance reports are transmitted to Central Monitoring Station to ensure that the integrity of the system is maintained at all times. The Genesis caters for dual path monitoring; GSM back up systems, Securitel and in the near future Internet, WAP and GPRS formats.

Access Control

From 1 to 128 Access points can be controlled by the Genesis system utilising the semi intelligent door control modules or the inbuilt Access Control interface resident in every Remote Access Station. Proximity, swipe, retina scan or finger scan readers with either 26 bit Weigand or Genesis encrypted 36 bit format are compatible with Genesis. Door controllers have onboard CACHE, which logs the last 100 unique valid users to pass through the door, allowing continued door operation in the event of a LAN failure.

Building Management

The flexibility provided by the unique SCRIPT programming of the Genesis system means that your building can be completely automated.

- Lift control
- Lighting
- Air conditioning
- Energy Management

These can all be configured to be controlled by Sensors or Automatic Timers and activated by Access Cards or device inputs.

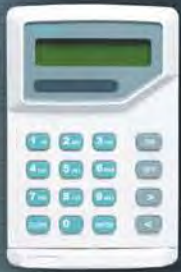
Technology

Manufactured using SMD technology Genesis takes advantage of the latest high speed communication protocols making the system more efficient in its operation.

Programming can be performed from anywhere in the world using the Genesis up/download technician software at speeds of up to 9600 baud.



GENESIS EXPANSION MODULES



Remote Access Station (RAS)

Control 64 areas, Inbuilt Wiegand interface for single door access control, 100 valid card holders in memory on LAN fail, LCD screen and 4 programmable LED's, Up-to 96 RAS's



Access Control

Up to 128 access doors using 2 door controllers and RAS.



Output Control

Total of 512 outputs using the 32 programmable open collector output boards and the optional 8 way relay boards for full system control.



16 Input Expander

16 inputs and 4 outputs. Up-to 127 expanders can be added to the system contributing to the total of 512 inputs.



Input / Output Expander

16 inputs and 4 outputs. Connects directly on to a Master or Expander and is not counted as one of the 127 LAN devices.



8 Input Expander

8 inputs and 2 outputs. Up-to 127 expanders can be added to the system contributing to the total of 512 inputs.

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STANDARD SYSTEM SPECIFICATIONS

MASTERS V4

Expanders	1
RAS, Remote Access Station	Up to 127
Two door controllers	Up to 96
Thirty-two output modules	Up to 127
Total inputs/outputs	Up to 127
	System supports maximum of 512 outputs and 512 outputs
	Master & Expander each support up to 32 inputs & 8 outputs
	MU & EU = 4 x 12v switchable and 4 x Relay outputs (IO expander)
	EU8 = 8 x inputs and 2 x 12v switchable outputs
	RAS = 2 x door inputs, 4 x LED's used as outputs, 2 x Wiegand inputs
	TDC = 4 x inputs, 4 x Open collector outputs, 2 x relay outputs
	OC = 32 x 100mA open collector outputs
	Each device includes an on board buzzer
Total doors	128, Each RAS includes 1 Door, while TDC includes 2 Doors

COMMUNICATIONS

Between Devices	RS-485 2-wire LAN, communicating at 19.2K baud rate 1.5km total bus length using shielded twisted pair cable. 128 devices per 1 Master panel
To PC	Dedicated RS-232 port, communicating at 9600 baud rate, used to interface to Technician programming software, or Aladdin and Genie user software
Remote Access Dialler	On board Modem using V.21 communication format Using Contact-ID format, allowing reporting for multiple clients ID's in any combination, up to 16 different central stations from a single panel.
Securitel	RS232 port on the Master, used to connect serial Securitel device (Optional)
Multi Panel	Supports interconnection of up to 16 Master Panels with GENIE software (optional)
RS232 ports	Each network LAN device includes RS232 port, for various applications
TCP/IP	Remote access via TCP/IP (Optional interface required)

DATABASE

Users	Up to 9400 users (with optional memory expansion). Each user field includes Pin code, Card, User name (16 characters), Suspend and expire Time & Date
Card Site codes	Each Card programmed into the system, includes it's own site code.
User groups	Selectable between 32 and 255 groups
Alarm Areas	Up to 64 areas
Clocks(Timers)	64, Each Clock includes 7 days and 1 day for holiday
A-zones	250 (Anti pass-back zones), used with Access control only
Message text	100 text messages can be sent to RAS LCD display or RS-232 Port, 2 lines of 15 characters (RAS Display) or 39 characters to any RS232 ports
Description Length	Typical 16, some 31 characters
System log event buffer	50 to 20,000 events, depending on dynamic memory allocation



Genie Software

The Windows based programming and maintenance Software Package includes the additional feature of on site complete Access Control Logging, review of events and complete maintenance of the card and PIN number users.

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...The very latest innovation in security and access

ALL AUSTRALIAN MADE
Made by ISO 9002 accredited manufacturer

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