

FF Data Sheet | Mini FDCIE

AU 5000 1-2 Lo op Mini FDCIE

The Fusion AU-5000 series of panels are available in stand-alone and networked variants, which are compact and discreet. These panels allow for small simple stand-alone systems to be catered for easily.

The 'Mini' variant can be configured from 1-2 loops and incorporates expandable monitored sounder circuit outputs to satisfy AS1670.1 BOWS requirements. It also allows for easy network integration as part of a distributed system.

The AU 5000 'Mini' has a single AS1668 fan control capability and brackets are available for all types of ASE used throughout Australia by using an additional extension box.

The AU-5000 panels utilise fully digital and soft addressing technology for all loop devices, and installer friendly auto-learn and loop detection facilities for trouble-free and quick commissioning.

Full on-site programmability is available via the on-board alphanumeric keypad or PC configuration PC-Net tools.

Extensive mimic panel options including - full function LCD, display only LCD and LED based mimics. Configurable by sectors and zones allowing alarms, pre-alarms, faults, test and control events.

When connected to the fault tolerant Ad-Net network, the panel operates as a true peer-to-peer interface (with up to 200 CIE's/nodes and 1,000 shared zones) with full cross panel reporting, control as well as complex cause and effect functionality.

Each CIE incorporates unique False Alarm Management and Service Tool software for improved servicing and application specific device set-up.



Key Features

- Fully expandable from 1 loop to 100 loops
- Zone capacity of 1,000 and Impressive 240 digital devices per loop
- Output response times less than 3 seconds across the network
- Simple to use LCD menu driven graphical interface with 240 x 64 backlit LC D
- Advanced 'Ad-Net' redundant networking up to 200 nodes
- Windows 'PC-Net' computer software
- Multiple colour graphics capable
- BMS HLI capable with ASCII B a cNE T and Mo dbus protocols

Approvals

AS4428.3	Fire detection, warning, control and intercom systems - Control and indicating equipment
AS7240.2	
AS7240.4	Fire detection and alarm systems
AS7240.13	
AS1670.1 2018	Automatic fire detection and alarm systems
JAS-ANZ	Joint Accreditation System of Australia and New Zealand

PC Software PC-Net

An extensive suite of PC based; software programs have been developed to supplement the Fusion AU series fire panels. User-friendly Windows based PC-Net configuration software includes a virtual panel allowing for remote diagnostics via a low-cost modem connection, saving the time and expense of travelling for maintenance.

The package allows for extensive programming diagnostics including checking the site for errors before downloading as well as input and output operator mapping checking. Powerful cause and effect programming makes the panel suitable for a wide range off site applications, from small to large complex multi area systems.



Specifications

Base Technology	Dual flash-based processor with Real Time Clock, 'Trace' diagnostics, PuLSE [®] communications & Programmable languages
Display	Graphical 240 x 64 backlit LCD
Brigade Interface	AS4428.3 revision 2010
Number of Fire Zones	2000 'Dynamix' * 200 per panel
Number of Loops	AU 5101M - 1 Loop AU 5202M - 2 Loop
Loop Current	500mA
On-Board Sounder Circuits	AU 5101M - 2 x 1 Amp Programmable AU 5202M - 2 x 1 Amp Programmable
On-Board Relays	2 x 1 Amp 30VAC/DC Programmable
Auxiliary Supply	1 x 24vDC @ 500m Amps
On-Board Switch Inputs	6 x Configurable Buttons with LED confirmation
On-Board Power Supply	4/5 Amp High-Efficient Switched Mode
Mains Supply	230VAC (+10%, -15% tolerance) 50/60Hz 1.7/1.9Amps
Charger Current	2 Amp DDP Monitor, temperature compensated integral charger
Serial Ports	1 x USB, 1 x RS232 on board for PC, Modem or External Printer
Programming	Via On-Board Keypad or PC Configuration using 'PC-Net' Software
Event Log	5000 General Event + 500 Fire Alarm + Diagnostic
Networking	Optional plug in Network Card utilising the 'Ad-Net'
Approvals	AS4428.3, AS7240.2, AS7240.4 & AS7240.13
Approval Body	CertMark International Certificate Numbers PC10063 & PC10064
AU-5101M	1 Loop with 1 Loop Fitted
AU-5202M	2 Loop with 2 Loops Fitted
Cabinet Dimensions	340mm(H) x 430mm(W) x 120mm(D)
Note	Sounder BOWS Only

**Specifications and part numbers may change without notice*