

FF Data Sheet | 19" Rack FDCIE

AU 5000 – 19" Rack CIE

The Fusion AU-5000 series of panels are available in 3 rack mount variants, which are 850 (pictured), 1200 or 1900mm high. These options allow for great flexibility with regards to system design and configuration. They can be configured from 1-20 loops, and they also allow easy EWIS and BOWS integration, all compliant with AS4428.16.

The AU 5000 range also provides comprehensive AS1668 fan, damper and control switch card capability. Brackets are also available for all types of ASE used throughout Australia.

The AU-5000 panels utilise fully digital 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 an 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 LCD
- Advanced 'Ad-Net' redundant networking up to 200 nodes
- Windows 'PC-Net' computer software
- Multiple colour graphics capable
- BMS HLI capable with BacNET and Modbus protocols

Approvals

AS4428.3	Fire detection, warning, control and intercom systems — Control and indicating equipment
AS7240.2	Fire detection and alarm systems
AS7240.4	Fire detection and alarm systems
AS7240.13	Fire detection and alarm systems
AS1670.1 2018	Automatic fire detection and alarm systems
JAS-ANZ	3rd party quality scheme certified by CertMark International

PC Software PC-Net

An extensive suite of PC based; software programs have been developed to supplement the AU-5000 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-5100 — 1 Loop AU-5200 — 1 expandable to 2 AU-5400 — 1 expandable to 4
Loop Current	500mA
On-Board Sounder Circuits	AU-5100 - 2 x 1 Amp Programmable AU-5200 - 2 x 1 Amp Programmable AU-5400 - 4 x 1 Amp Programmable
On-Board Relays	2 x 1Amp 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'
Approval Body	CertMark International Certificate Numbers PC10063 & PC10064
Note	All cabinets have right hand hinged door options and doors are removeable via a spring-loaded hinge

Part Numbers

19" 850 Cabinet Dimensions	850mm High x 560mm Wide x 275mm Deep – 17U - As pictured above
19" 1200 Cab Dimensions	1200mm High x 560mm Wide x 275mm Deep – 25U
19" 1200D Cab Dimensions	1200mm High x 560mm Wide x 460mm Deep – 25U
19" 1900 Cab Dimensions	1900mm High x 560mm Wide x 460mm Deep – 40U