



The Universal Expander module provides an additional 16 zone inputs, 8 auxiliary outputs and 2 Siren drivers.

### Lift Control Applications

The optional Lift Interface board enables extensive control and monitoring of lift car operation and floor access. Up to 32 floors may be controlled and monitored per Universal Expander using up to four optional Lift Interface boards (994020) and a Lift Interface Extension Cable (605020).

### SPECIFICATIONS

#### Physical

Cabinet Dimensions	460(L) x 358(W) x 85(D) (mm)	
PCB Dimensions	180(L) x 180(W) x 40(D) (mm)	
Installation Environment	0° – 40°C @ 15% to 85% Relative humidity (non-condensing)	
Cabinet Battery Bracket	To suit 12V 7AH Sealed Lead Acid battery	

#### Electrical

	Plugpack and PCB versions	Transformer Versions
Mains Input Voltage	240VAC 50Hz	240VAC 50Hz
Mains Input Current	100mA	500mA
Input Voltage to PCB	16-18VAC	16-18VAC
Fuse Protection	Separate fuses for battery, Siren 1, Siren 2, LAN & Detector Power	

#### Current Consumption

Total Current Limit	1.3A	2.2A
Operational Current (No peripherals connected)	150mA	150mA
Recommended current allowance for battery charging	300mA	300mA
Available Current (for detectors, auxiliaries, relays, etc).	700mA	1.6A

#### Inputs

Zone Inputs	16 (Expandable to 32 with optional 16 Zone Expansion board 995006)
Separate Cabinet Tamper Input	Yes

#### Outputs

Siren Outputs	2 (Internal & External) Max load: 2 x 8 Ohm, 10W siren speakers
Outputs (Open Collector)	8 (Expandable to 32 with optional 24 Auxiliary Expansion board 995007)
Max. switchable current per Aux.	Aux.1&2:500mA, Aux.3-8:200mA
Relays	Expandable to 24 with optional 8 Relay Expander boards 995082E- replaces Auxiliaries 9-32

### Features:

- Choice of 7 EOL Resistor value schemes
- Extra DET+ outputs
- Battery deep discharge protection
- Enhanced surge protection
- Field upgradeable firmware
- 2 independent siren driver outputs
- Cabinet tamper, siren tamper, power supply fuse and battery status monitoring
- Fuse protection of LAN, Detector and Siren outputs, Battery circuit
- 1 or 2 Amp power supply

### Expansion Options

A range of expansion boards are available, see the "Expansion Module Options" Data Sheet

### Ordering options

#### 995004AU

Universal Expander with plug pack



#### 995004AUPS

Universal Expander with transformer



#### 995004PCB&K

Universal Expander short form kit

