

The UniBus 8 Zone Expander connects to an Integrati Security Controller (ISC) or an 8 Zone LAN Expander via the UniBus Port. It provides an additional 8 Zone Inputs that support all Integrati Zone Types including Multistate and Counter types along with extra detector power supply connections (DET+) to simplify device wiring.

The UniBus 8 Zone Expander is designed for installation within the same tamper-protected enclosure as its UniBus host module. The UniBus device is connected directly to the host module or another UniBus device via the UniBus patch cable supplied.

## Host Module Compatibility

The UniBus 8 Zone Expander is compatible with the following UniBus Host Modules:

- Integrati ISC Controller (Part. 996001 series) - Connect up to 2
- Integrati 8 Zone RS-485 LAN Expander (Part. 996005PCB&K) - Connect up to 3



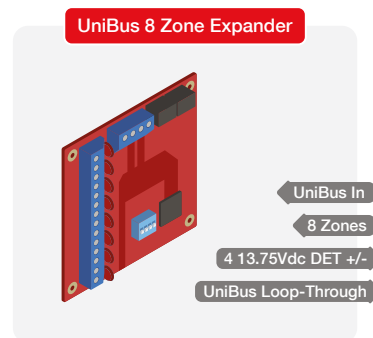
UniBus Device Compatibility Guide		UniBus Host Module			
		ISC	IAC	8 Zone Expander	ILAM
UniBus Device	8 Zone Expander	2	0	3	0
	8 Relay Expander	4	4	4	2
	2 Door / 2 Reader Expander	0	3	0	3
	16 Floor Lift Interface	6	6	6	6
	RS-232/RS-485 UART	4	4	0	0
	Analogue Expander	4	0	6	0

## Features

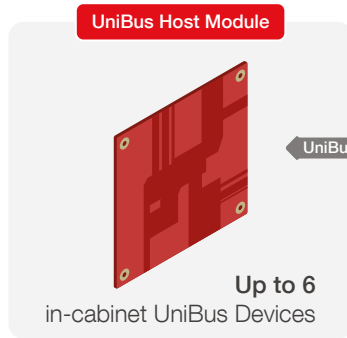
- 8 Universal Zone Inputs
- Support for Multistate EOL circuits
- Support for counter type inputs
- Programmable de-bounce times
- DIP switch addressable first zone 1, 9, 17 or 25
- UniBus loop-through connectors
- 4Way DET+ 13.75V outputs
- 2 LED status/fault indicators
- Surge protected inputs
- Over-The-Wire firmware upgradable
- Integrati "C" size footprint 94 x 94mm
- Can be installed above other "C" size PCBs\*\*
- A Snap off strip is included to allow installation above Integrati "B" size PCBs\*\*

\*\* 35mm standoff kit required - Part Number 999009

## Connectivity



## UniBus Installation



UniBus Devices are designed for installation within the same enclosure as the UniBus host module. A UniBus host can interface a maximum of six UniBus devices in any combination, provided they are all within the intended functionality of the host module

## Specifications

### Physical

PCB Size Code:	Integrati "C" size
PCB Size:	94(L) x 94(W) (mm)
PCB size including snap off strip:	105(L) x 94(W) (mm)
Height:	15(D) (mm) (28mm with UniBus cable connected)
Shipping Weight:	100grams
Installation Environment:	0°C - 70°C @15% - 90% Relative humidity (non-condensing)

### Electrical

Power Supply Input:	11V to 14V DC via host module
Static Current Consumption:	75mA. (not including detector power)
DET+:	Output Voltage 13.75V DC - sourced from host
DET+ Output Current:	Limited to available current from host

### Connections

Zone Inputs:	8
DET+ Out:	4
UniBus Port:	1
UniBus Loop-through Port:	1
Connection to Host Module:	Via 270mm UniBus patch lead (supplied)

### Power Considerations

The UniBus host module supplies DET+ current and static device current to all connected UniBus devices. Total current consumption is, therefore the sum of all:

- Static Current of all connected UniBus devices
- Static Current of host module
- Host module battery charging current
- Ancillary devices connected to all DET+ connections
- Ancillary devices connected to host module's RS-485 LAN+

### Compliance

Electrical



Environmental



## Ordering Options



### 996500PCB&K

Integrati UniBus 8 Zone Input Expander PCB & Accessories (Includes 270mm UniBus patch cable)

### Spare UniBus patch cables

- 996791SS** - UniBus Patch Cable 150mm
- 996791S** - UniBus Patch Cable 220mm
- 996791L** - UniBus Patch Cable 270mm
- 996791LL** - UniBus Patch Cable 475mm
- 996791XL** - UniBus Patch Cable 675mm