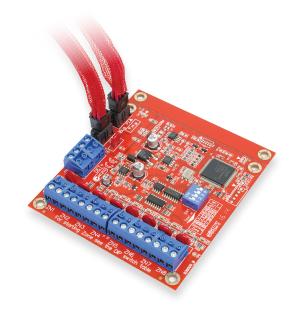
The UniBus 8 Zone Expander connects to an Integriti Security Controller (ISC) or an 8 Zone LAN Expander via the UniBus Port. It provides an additional 8 Zone Inputs that support all Integriti Zone Types including Multistate and Counter types along with extra detector power supply connections (DET+) to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

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

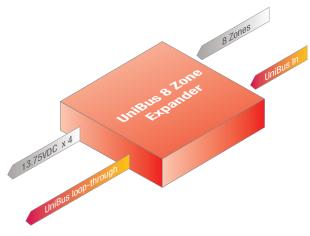


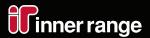
	UniBus Device	UniBus Host Module			
Compatibility Guide		ISC	IAC	8 Zone Expander	ILAM
	8 Zone Expander	2		3	
UniBus Device	8 Relay Expander	4	4	4	2
	2 Door / 2 Reader Expander	0	3	0	3
	16 Floor Lift Interface	6	6	6	6
	RS-232/RS-485 UART	4	4	0	0
	Analogue Expander	4	0	6	0
	2 <sup>nd</sup> Network Interface Card	1	1	0	0

#### **Features**

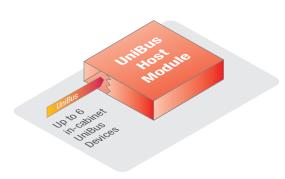
- 8 Universal Zone Inputs
- Support for Multistate EOL circuits
- Support for counter type inputs
- Programmable de-bounce times
- DIP switch addressable first zone 1, 9, 17 or 25
- UniBus loop-through connectors
- 4 Way DET+ 13.75V outputs
- 2 LED status/fault indicators
- Surge protected inputs
- Over-The-Wire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

## **Ordering Options**



## 996500PCB&K

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



Spare UniBus patch cables

996791S5 - UniBus Patch Cable 150mm 996791S - UniBus Patch Cable 220mm 996791L - UniBus Patch Cable 270mm 996791LL - UniBus Patch Cable 475mm 996791XL - UniBus Patch Cable 675mm