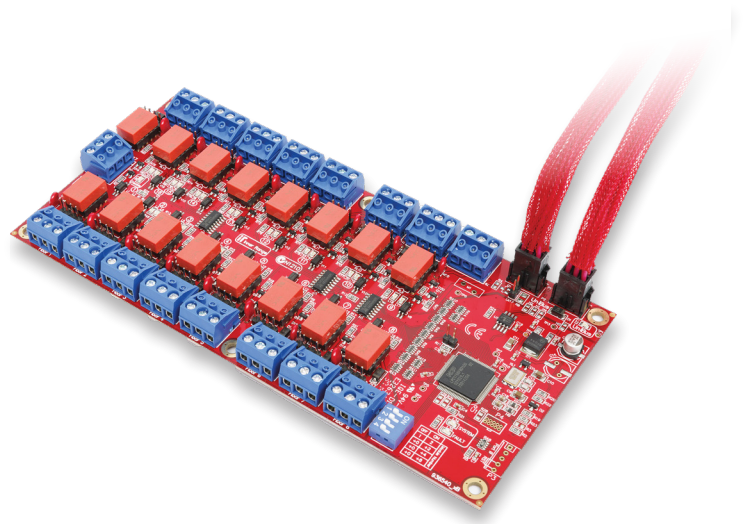


The UniBus 16-Floor Lift Interface module provides an efficient integration between the Inner Range system and a lift system. The UniBus Lift Interface utilises a low-level button feedback interface to the lift system and facilitates managed and secure floor access for users within multi-story buildings and apartment blocks. It incorporates input conditioning and switching to provide the isolation required between the two systems.

Using a UniBus cable, the module connects directly to the host module or via another UniBus device.

Up to 6 UniBus 16-Floor Lift Interface modules can be connected to a single host module to provide access control for a single lift car servicing up to 96 floors. For sites with multiple lift cars each lift car requires its own host module and connected UniBus 16-Floor Lift Interface modules.



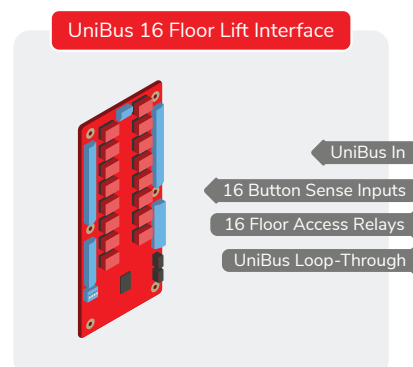
UniBus Device Compatibility Guide		UniBus Host Module			
		ISC	IAC	8 Zone Expander	ILAM
UniBus Device	8 Zone Expander	2	0	3	0
	8 Relay Expander*	4	2	4	2
	2 Door / 2 Reader Expander	0	3	0	3
	<b>16 Floor Lift Interface</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
	RS-232/RS-485 UART	4	4	0	0
	Analogue Expander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

\*Relays can be used for general purpose outputs when mapped to Aux 1~16 on IAC, and cannot be mapped to Aux 17~32

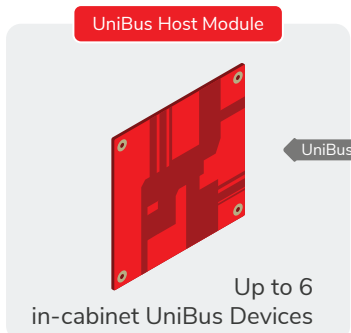
## Features

- Low level with button feedback UniBus connectivity
- Compatible with a range of Inner Range host modules
- Manage 16 floors per device
- Connect up to 6 devices per host module
- Wide range of button input voltages
- Button sense input per floor
- Override input to allow free access mode
- Isolation between lift and Inner Range system
- Firmware upgrades over-the-wire

## 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:	Inner Range "B" size
PCB Size:	200(L) x 94(W) (mm)
Height:	15(D) (mm) (28mm with UniBus cable connected)
Shipping Weight:	300grams
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:	55mA PLUS 16mA per relay. Approximately 310mA when all relays are on

### Contact Rating

Maximum Switching Current:	500mA @ 16 – 48V DC/AC RMS 200mA @ 60 – 110V DC/AC RMS (30W / 62.5VA) 50V AC
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### Connections

Relay Contacts:	16 x NC outputs
Override Input:	1
Button Sense Inputs:	16
UniBus Port:	1
UniBus Loop-Through Port:	1
Connection to Host Module:	Via 270mm UniBus patch lead (supplied)

### Compliance

Electrical

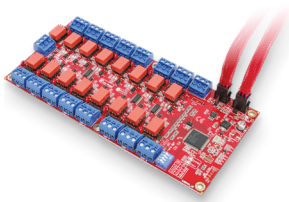


Environmental

RoHS



## Ordering Options



**996540PCB&K**  
UniBus 16 Floor Lift  
Interface device 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