SPHERE SYSTEMS

DATASHEET
WEB AI RANGE



IOM - U8

The Web AI range of I/O Modules features a bright and vivid OLED display enabling quick and easy installation and diagnostics with live status directly at connection point.

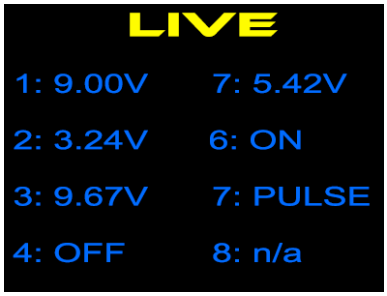
Sphere Systems IOM modular range connect using the INTERLINK system creating seamless point banks that are extremely flexible and adaptable to site requirements.

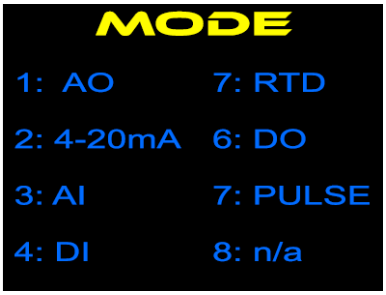
The ultimate solution in design flexibility, the U8 is designed with advanced features while making it extremely user friendly and reliable.

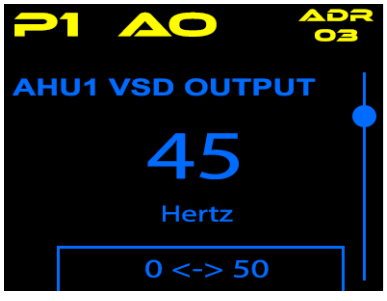
FEATURES

- 8 x Universal Input/Outputs
- Individual Channel Information Pages
- RS485
- Modular
- Compact Din Mount
- OLED Display
- Auto Addressing
- Live Status
- Custom Display Page
- Power & Coms Indicators
- Interlink System

DISPLAYS









SPHERE SYSTEMS

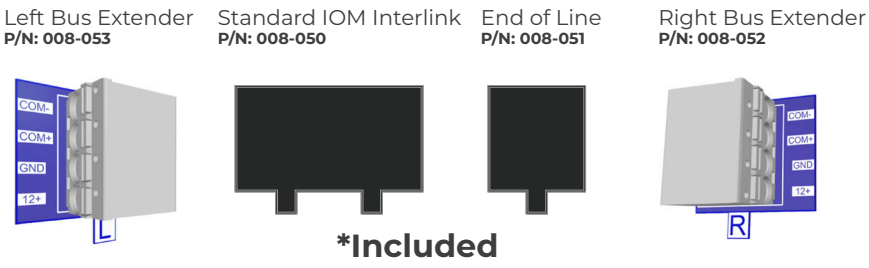
INTERLINK

Left Bus Extender (P/N: 008-053) and Right Bus Extender (P/N: 008-052) are used to establish a power and communication line between WebAI Mini 2 and the IOM Bus/additional rows.

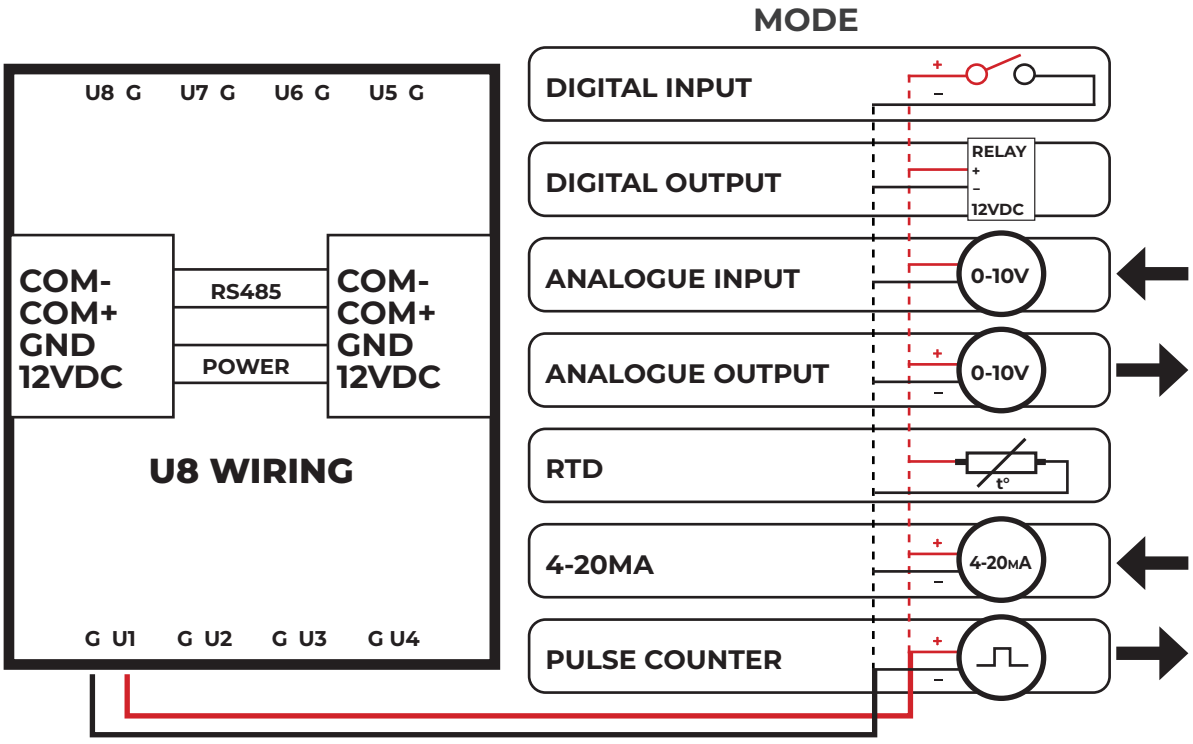
Standard IOM Interlink (P/N: 008-050) is used to connect adjacent modules.

End of Line (P/N: 008-051) is used at the last IOM of the bus (must be right hand end).

Extenders and Links are keyed to ensure correct polarity of the row is maintained.



CONNECTIONS



SPHERE SYSTEMS

SPECIFICATIONS

Supply from	Controller IOM Bus Booster (P/N 008-702)	24VAC~ / 12VDC OUT 24VAC~ / 12VDC OUT
	Operating Voltage	12VDC
Analogue Input	Voltage Resolution	12VDC 16-bit
Analogue Output	Voltage Drive Current	12VDC 20mA
Digital Output	Voltage Drive Current	12VDC 20mA
Digital Input	Dry switch closure to ground	
RTD	2-wire 1K +-0.2°C 2-wire 10K NTC 2-wire 20K NTC 2-wire 100K NTC	
	Max power consumption	1.9W

