

### SENSOR HUB

# specifications for adding third-party devices

# CONNECTING THIRD-PARTY DEVICES TO THE NETWORK

The sensor hub allows for nearly any low voltage control device or sensor to be used with the system. The peripherals connect to our **Sensor Hub** which connects to our **POE Light Node Assemblies**, easily adding the new devices to the light control network.

#### **0-10V INPUT**

Linear dimming with analog input from a legacy dimming switch. Environmental monitoring with analog 0-10 sensor.

#### ▶ 4-10 MAMP INPUT

Environmental monitoring with 4-20 milliamp analog sensor.

#### DRY CONTACT INPUT

Control or event monitoring with dry contact or open collector signal

#### **OPEN COLLECTOR OUTPUT**

Open collector output channel to drive external relay

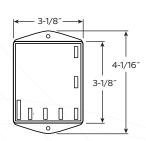
SPECIFICATIONS		
Maximum Terminal Power Output	12V or 24V DC	
Peripheral Communication Bus	2-twisted pairs 18-24 AWG Stranded or Solid wire 1 Pair - 1 Mbps differential data pair - CAN 2.0 (ISO 11898-2) 1 Pair - +12 VDC @ 500mAmps Maximum	

SENSOR HUB APPLICATIONS		
10	(4) Discrete Input and Output Channels*	
VS	(4) 0-10V Analog Input Channels	
MA	(4) 4-20mA Analog Input Channels	
LC	Legacy Lighting Controller (0-10V Dimming + Dry Contact)	

Consult factory\*

# PROJECT INFORMATION CATALOG #: TYPE: PROJECT: SPECIFIER:





ENVIRONMENTAL SPECIFICATIONS		
Safety Compliance	Compliant with UL 916 & UL 924	
ROHS	Compliant	
Normal Operating Temperature and Altitude (Density Altitude)	-5°C to +45°C (+23°F to +113°F), up to 5000ft (1500m) -5°C to +40°C (+23°F to +104°F), up to 10,000ft (3000m) Min ambient temperature for cold start is 0°C (+32°F)	
Relative Humidity	10% to 95%, non-condensing	
Storage Environment	Temperature: -40°C to +70°C (+40°F to +158°F)	
Location	For use in dry locations.	

CABLING AND CONNECTOR CONSIDERATIONS available at PLATFORMATICS.com

## ordering information

PRODUCT	APPLICATION	CONNECTOR
POE-SH2- Sensor Hub	IO- (4) Discrete Input and Output Channels (Consult factory)	ST Screw Terminal
	VS- (4) 0-10V Analog Input Channels	
	MA- (4) 4-20mA Analog Input Channels	
	LC- Legacy Lighting Controller (0-10V Dimming + Dry Contact)	

Sample: POE-SH2-IO-ST







