

In order to meet the need for a single port, Ethernet based Reader interface, Smarteye Corporation introduces its S-net Ethernet Controller. This next generation Smarteye Reader interface is designed to take full advantage of today's latest control networks and fit seamlessly into your existing plant-floor Ethernet architecture. It can optionally be powered via a 24VDC power over Ethernet connection simplifying integration while *dramatically* reducing installation costs. As with all Smarteye products, the S-net's rugged and compact packaging is designed to withstand the harshest material handling environments.



Model #SP4001/01

## Product Features

### Supports Standard Smarteye Readers

- ◆ SP1050 Sender/Receiver Series

### Status Indicators

- ◆ Power on, and low power LEDs
- ◆ Transmit and receive LEDs for each communication port

### Reader Inputs (1)

- ◆ Optically isolated signals
- ◆ Cage clamp terminal connections

### Readers

- ◆ Direct connect or may be located up to 500' away using Belden 9773 cable or equivalent

### Auxiliary Serial Port

- ◆ Up to 19.2K baud, no parity
- ◆ Transmit and receive LEDs
- ◆ Cage clamp terminal connections
- ◆ Control port monitoring of labels, errors, diagnostics, and messages in and out
- ◆ RS232 (up to 50' point-to-point)

### Ethernet Control Port

- ◆ 10BASE-T Ethernet interface RJ45
- ◆ Client or server functionality selectable in software
- ◆ Link and Activity LEDs

### Network Capability

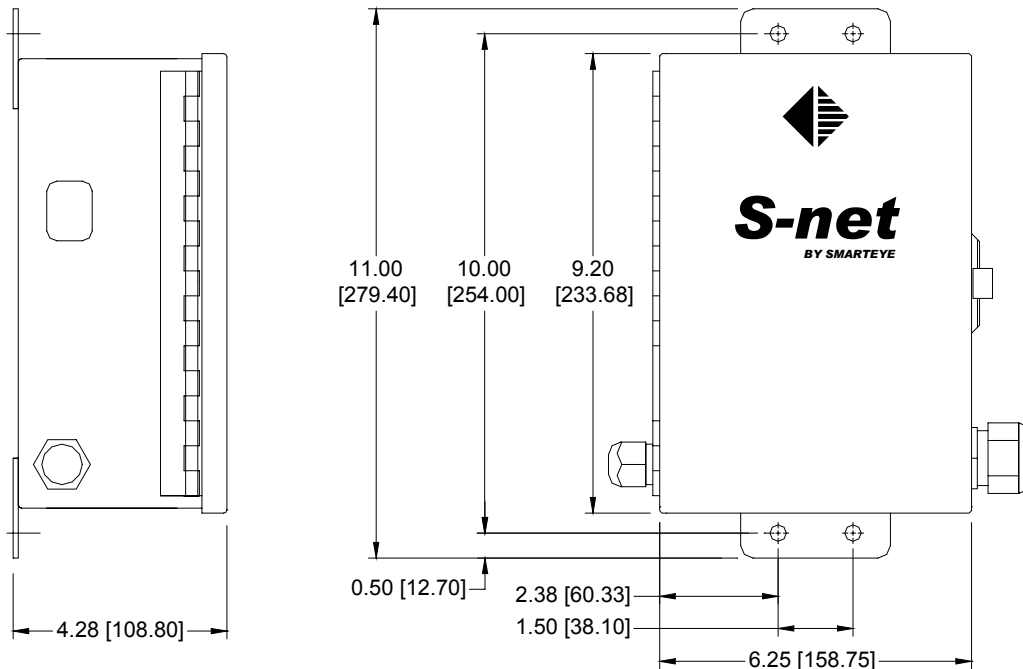
- ◆ Configurable using standard web browser
- ◆ Built-in HTML based history viewer, for label reads, error codes, and diagnostic messages
- ◆ Supports DHCP for automatic IP address assignment
- ◆ Supports time server for automatic on board chronometer synchronization
- ◆ Compatible with SEA-8 and Twin message protocols
- ◆ Supports Power Over Ethernet (separate power module required)

**Environmental Specifications**

- ◆ Operating temperature: 0-60 °C
- ◆ Humidity: 95% non-condensing
- ◆ Nema-12 packaging standard

**Power Requirements**

- ◆ 6W @ 24VDC
- ◆ 24VDC power injector available



Electrical Interconnections

