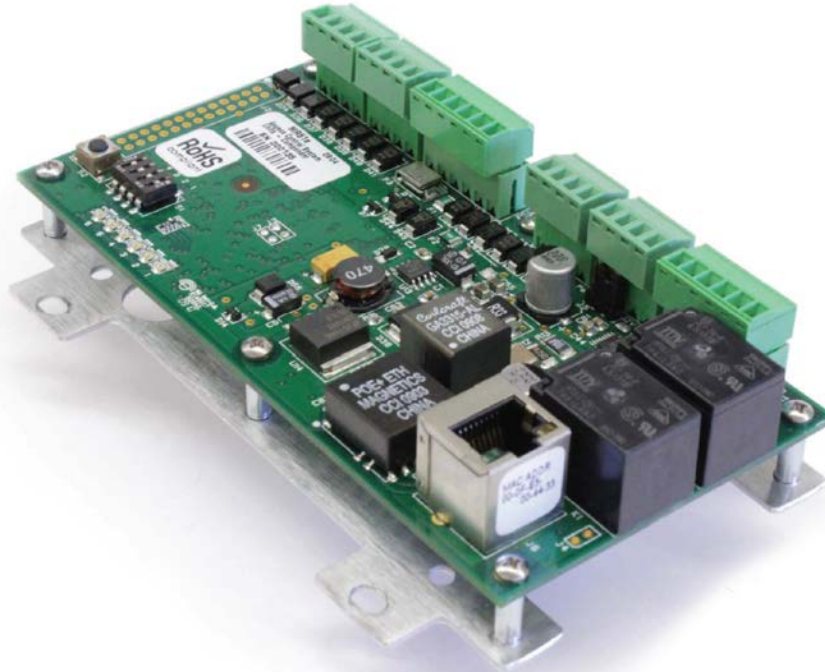


## Ethernet Reader Interface



### Control doors using your existing network

The Ethernet Reader Interface (ERI) is a network connected, PoE capable sub-controller that provides the I/O necessary to control a single door. It is the perfect solution when you want to leverage your existing network infrastructure to access doors that are otherwise hard or costly to reach with traditional copper wire.

The ERI supports readers, keypads, and readers with integrated keypads that use Wiegand (data 0/ data 1), magnetic stripe (clk/ dat), or RS-485 signaling. Inputs and outputs can be assigned to door-related functions or as general purpose I/O.

Inputs can be unsupervised or supervised using configurable end-of-line resistance values. Outputs are implemented using Form-C (normally open/normally closed) relays and can be used for fail-safe or fail-secure lock operation.

Access request, status change, command, and configuration information is exchanged with a distributed controller. The controller is managed by a host computer using industry-leading, AccessNsite® software, yet runs independently when not communicating with the host.

### Features

- Most widely accepted access control hardware due to its reliability and open architecture
- Network ready
- PoE enabled
- Compatible across AccessNsite's family of controllers
- AES 128 bit data encryption
- 12v DC operation or PoE
- Diagnostic LEDs
- Dedicated tamper monitoring
- Mounts in three gang junction box
- Field upgradable firmware
- Mounting bracket has holes that match Single Reader Interface footprint
- UL listed 294/1076
- 1-year limited warranty

## Ethernet Reader Interface

### ERI Specifications

#### Power Input

- PoE Power Input 12.95 W, compliant to IEEE 802.3af OR 12 VDC +/- 10%, 900 mA max.

#### Power Output

- 12 VDC @ 700 mA max (Reader and aux outputs combined)

#### Reader Interface

- 12 VDC +/- 10%, 150 mA
- 1-wire or 2-wire bi-color LED support
- Buzzer (only with 1-wire LED)
- TTL compatible inputs or RS485 (Rdr 1 only)

#### Relays

- Two Form-C, 5 A @ 30 VAC/DC

#### Inputs

- 4 supervised

#### Communication

- RS-485, 2-wire, 4,000 feet

#### Dimensions

- 5.5" W x 2.75" L x 0.96" H (w/o bracket)
- 5.5" W x 3.63" L x 1.33" H (w/ bracket)

#### Temperature

- 55° C to 85° C, storage
- 0° C to 70° C, operating

#### Humidity

- 10% to 95% RHNC

#### Certifications

- UL294, UL 1076
- CE
- RoHS

