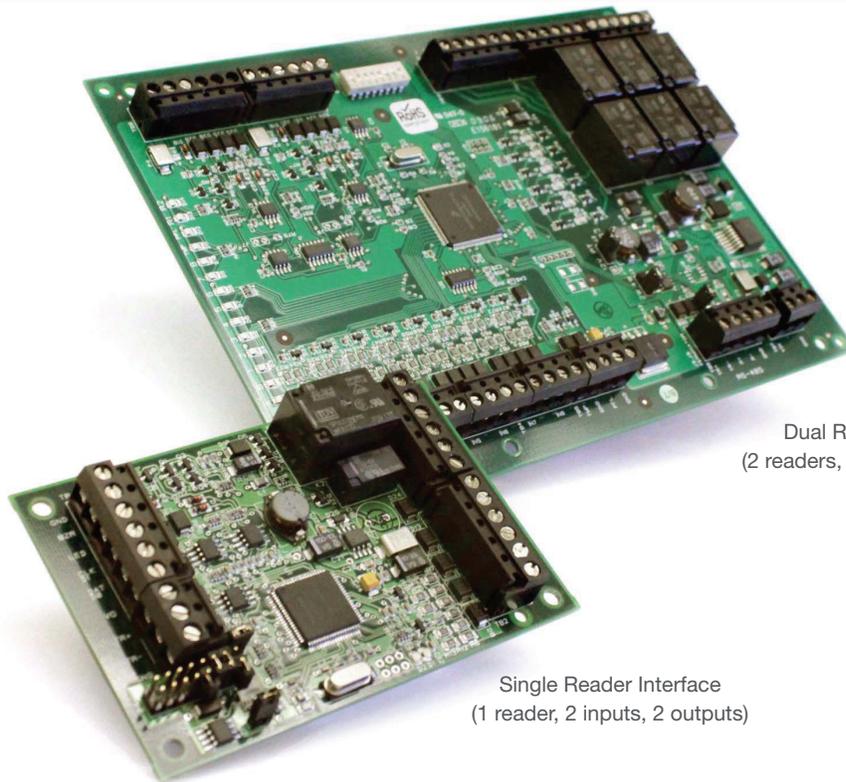## Single & Dual Reader Interface

Dual Reader Interface
(2 readers, 8 inputs, 6 outputs)

Single Reader Interface
(1 reader, 2 inputs, 2 outputs)

Manage one or two doors

The Single Reader Interface (SRI) and Dual Reader Interface (DRI) are low cost, high performance sub-controllers that provide the I/O necessary to control one or two doors, respectively. Support for readers, keypads, and readers with integrated keypads that use Wiegand, clock-and-data, or RS-485 signaling is provided.

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.

The SRI and DRI use a high speed, two-wire, multi-drop RS-485 interface to communicate with the controller (ADC, IDC, or IDC-1) which resides on an Ethernet network. Events generated by the SRI or DRI can be used to trigger actions locally or on other sub-controllers attached to the same controller.

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

Features

- Supports wide array of card and reader technologies including Smart card, FIPS 201, proximity, biometric, and magnetic stripe

- Most widely accepted access control hardware due to its reliability and open architecture
- Compatible across AccessNsite's family of distributed controllers

- SRI has a small footprint
- Supports up to 8 program-mable card formats
- 12 V to 24 V DC operation
- Grade A input supervision
- AES 128 bit encryption
- Tamper input

- Fiel upgradable firmware
- UL listed 294/1076
- 1 year limited warranty

Single & Dual Reader Interface

SRI Specifications

Primary Power
• 12 VDC to 24 VDC +/- 10%, 150 mA max (plus reader current)

Readers
• 1 Port

Reader Power
• Input voltage passed through

Relays
• 1 Form-C, 5 A @ 30 VDC
• 1 Form-C, 1 A @ 30 VDC

Inputs
• 2 supervised
• 1 dedicated for tamper

Dimensions
• 4.25" W x 2.75" L x 1.0" H

Operating Temperature
• -40º C to 75º C

Humidity
• 10% to 95% RHNC

DRI Specifications

Primary Power
• 12 VDC to 24 VDC +/- 10%, 550 mA max (plus reader current)

Readers
• 2 Ports

Reader Power
• Regulated 12 VDC or passed through, 125 mA max per port

Relays
• 6 Relays, Form-C, 5 A @ 28 VDC

Inputs
• 8 supervised
• 2 dedicated: tamper & power fault

Dimensions
• 6.0" W x 8.0" L x 1.0" H

Operating Temperature
• 0ºC to 70ºC

Humidity
• 0% to 95% RHNC

Common Specifications

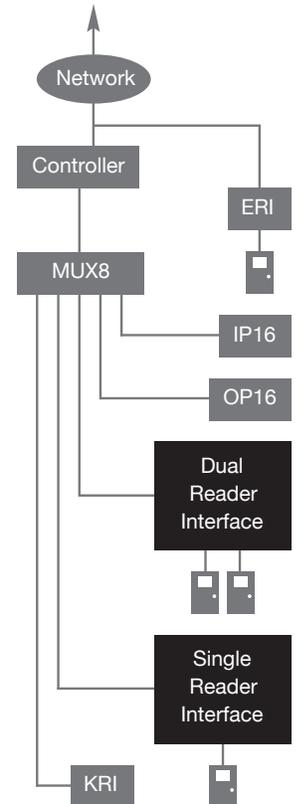**Storage Temperature**
• -55º C to 85º C

Reader Interface
• One or two wire bi-color LED support
• Buzzer (Only with "one-wire" LED)
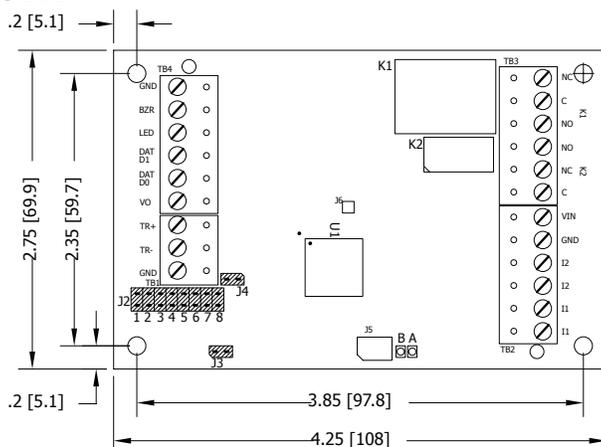• TTL compatible inputs or 2-wire RS-485

Communication
• RS-485, 2 wire, 4000'

Certifications
• UL294, UL1076
• CE
• RoHS

SRI

.2 [5.1]
2.75 [69.9]
2.35 [59.7]
.2 [5.1]
3.85 [97.8]
4.25 [108]

DRI

8.00 [203.20]
2.00 [50.80]
3.00 [76.20]
2.00 [50.80]
6.00 [152.40]
5.50 [139.70]