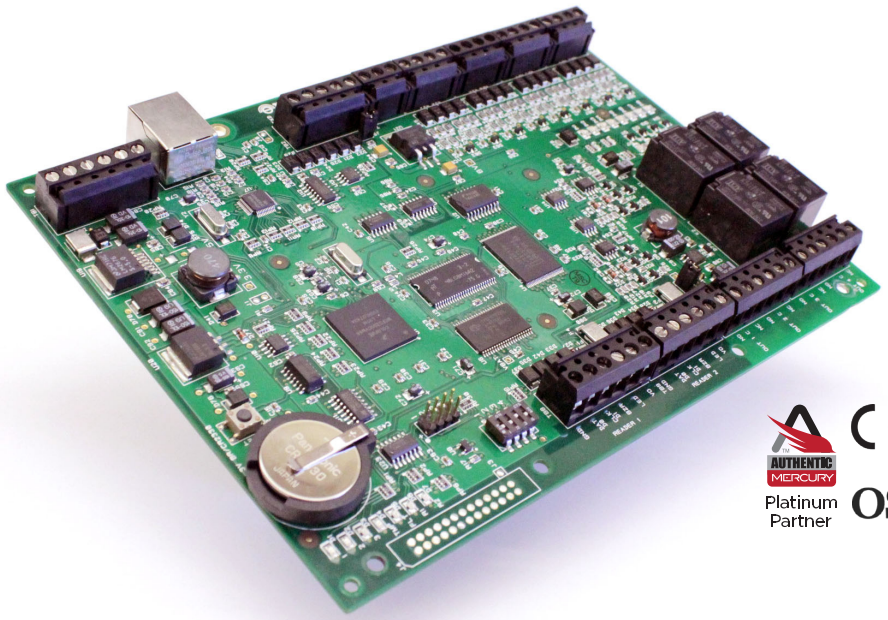
QUINTRON®



Platinum Partner

Integrated Distributed Controller

Network intelligence at the door

The Integrated Distributed Controller (IDC) is the most comprehensive controller in Quintron's latest generation of intelligent controller boards. It is ideal for small sites, remote locations, or special secure area applications.

In addition to controlling and monitoring up to 32 sub-controllers (SRI, DRI, ERI, IP, OP or KRI), the IDC also provides the on-board I/O necessary to control two doors. Readers, keypads, and readers with integrated keypads that use Wiegand, clock-and-data, or RS-485 signaling are supported. 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 (NO/NC) relays and can be used for fail-safe or fail-secure lock operation. The IDC is capable of storing close to 400,000 card records when using a minimum configuration. A vast array of access control and intrusion detection scenarios can be implemented using the IDC's ability to cause a series of complex actions to occur on a sub-controller based on a time schedule, an event trigger (originating from the same or another sub-controller), or operator control. The IDC connects to its sub-controllers over a two wire RS-485 bus that can be extended up to 4000'.

The IDC is network ready and is managed by a host computer running industry-leading AccessNsite® software. The host computer downloads credential, command, and configuration data to the IDC, and uploads event and status change information to display at an operator's workstation. Once the IDC has been configured it can run independently should it lose its connection with the host computer. The IDC will store events in battery-backed RAM when it loses its host connection so that they can be uploaded to the host when the connection is restored.

Features

- Most widely accepted access control hardware due to its reliability and open architecture
- Controls two doors
- Up to 50,000 event buffer
- 64-bit max card number
- 390,000 card holders (max); 240,000 card holders (typical)
- 15 digit max PIN
- PIV-II, CAC, TWIC compatible
- AES 128 bit encryption
- Support for Holidays and Daylight Saving Time
- Supports up to 8 programmable card formats
- 12v to 24v DC operation
- Tamper and power fault monitor inputs
- Field upgradable firmware
- UL listed 294/1076
- 1 year limited warranty

powered by AccessNsite®

Quintron Systems, Inc.
Security Systems Division

2105 S. Blosser Road
Santa Maria, California 93458

Phone: (805) 928-4343
Fax: (805) 928-9914

Web: www.quintron.com
Email: sales@quintron.com

IDC Specifications

Primary Power
- 12 to 24Vdc +/- 10%, 500 mA max (reader current not included)

Communications
- Host Port 0: 10/100 Ethernet
- Host Port 1: RS-232
- Peripheral Port: 2-wire RS-485

Reader Interface
- Unregulated pass through or regulated 12Vdc; (150mA max)
- One or two wire bi-color LED support
- Buzzer (Only with 'one-wire' LED)
- Clock-and-Data, Wiegand, or 2-wire RS-485
- Signaling

Inputs
- 8 supervised
- 2 dedicated: Tamper & Power Monitor

Outputs
- 4 Relays: Form-C, 5A, 30Vdc

Dimensions
- 8.0" W x 6.0" L x 1.0" H

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

Humidity
- 0 to 95% RHNC

Certifications
- UL294, UL1076
- CE
- RoHS
- FCC Part 15 Class A
- NIST Certified Encryption

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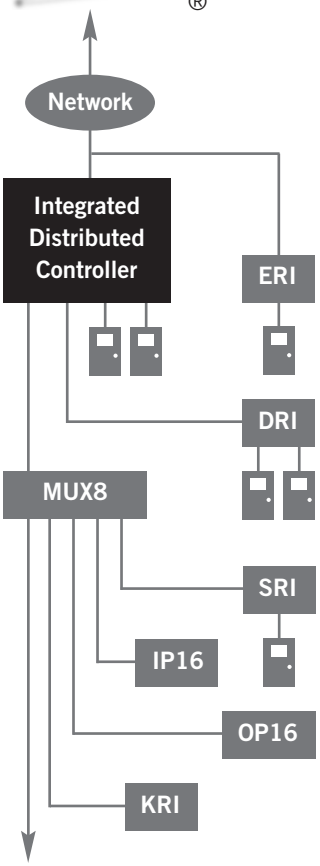
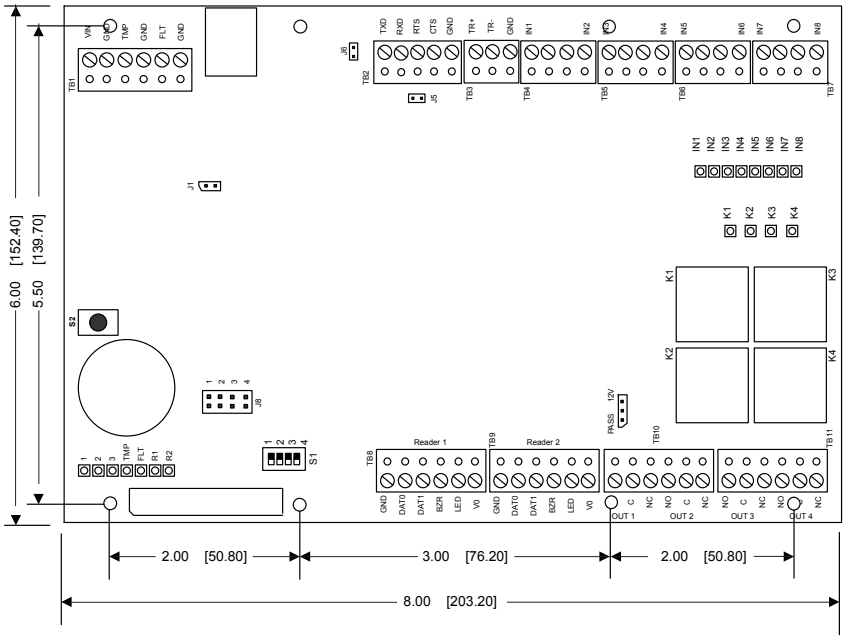


IDC can control up to 32 Sub-controllers (with restrictions)



Quintron Enclosures

* For a list of pre-configured enclosures, see Quintron's **"Enclosures"** brochure.

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