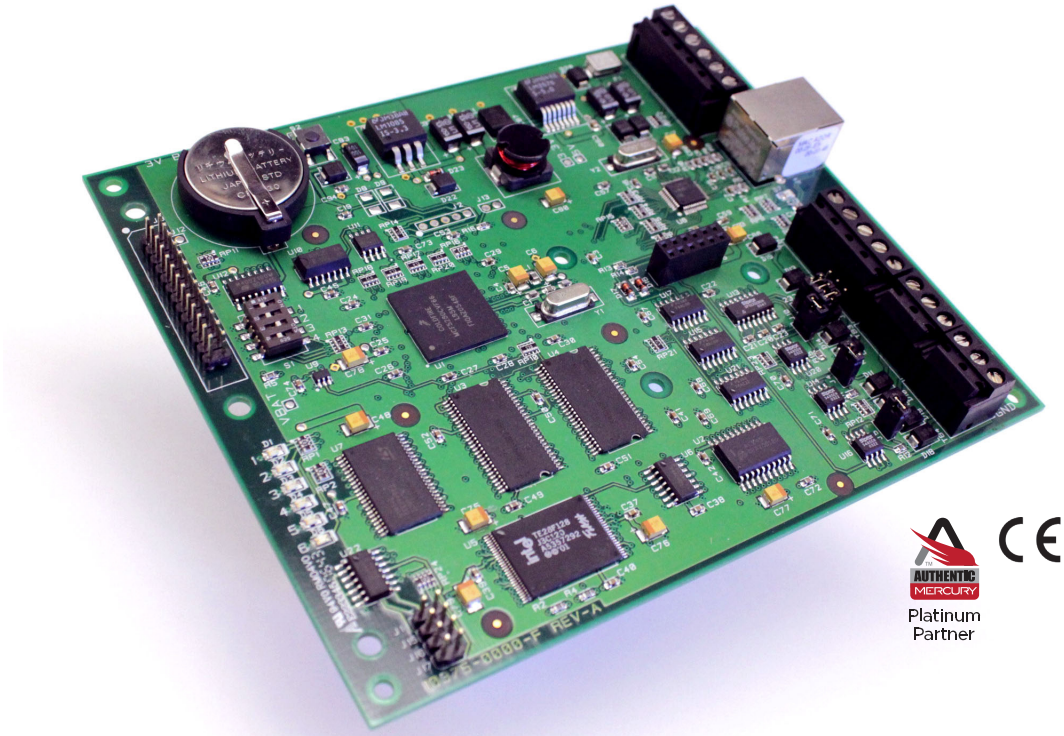
QUINTRON®



Platinum Partner

Advanced Distributed Controller

Control and monitor up to 64 doors

The Advanced Distributed Controller (ADC) is the highest capacity controller in Quintron's latest generation of intelligent controller boards. The ADC is capable of storing close to one million card records when using a minimum configuration. It can control and monitor up to 32 sub-controllers which can include various combinations of the Single Reader Interface (SRI), Dual Reader Interface (DRI), Ethernet Reader Interface (ERI), Input Processor (IP), Output Processor (OP), and Keypad Reader Interface (KRI). A vast array of access control and intrusion detection scenarios can be implemented using the ADC'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 ADC connects to its sub-controllers over a two wire RS-485 bus that can be extended up to 4000'. The ADC 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 ADC and uploads event and status change information for display to operators. Once the ADC has been configured it can run independently should it lose its connection with the host computer. The ADC 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
- 980,000 card holders (max); 600,000 card holders (typical)
- Up to 50,000 event buffer
- 64-bit max card number
- 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

ADC Specifications

Primary Power
- 12 to 24Vdc +/- 10%, 300 mA max

Inputs
- 2 dedicated: tamper & power monitor

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

Communications
- Host Port 0: 10/100 Ethernet
- Host Port 1: RS-232, 2-wire RS-485, or Ethernet adapter
- Peripheral Port 2 & 3: 2-wire RS-485

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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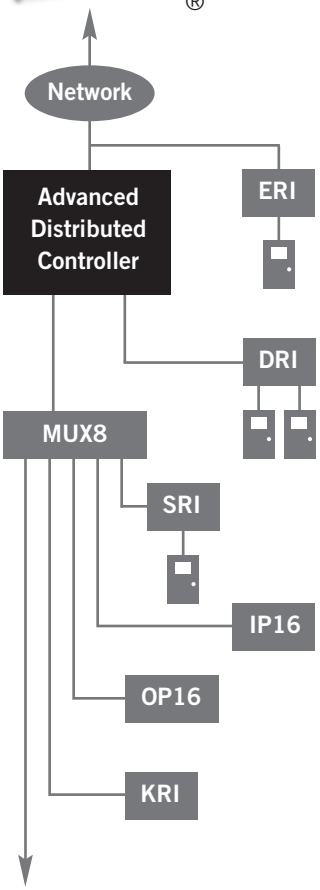
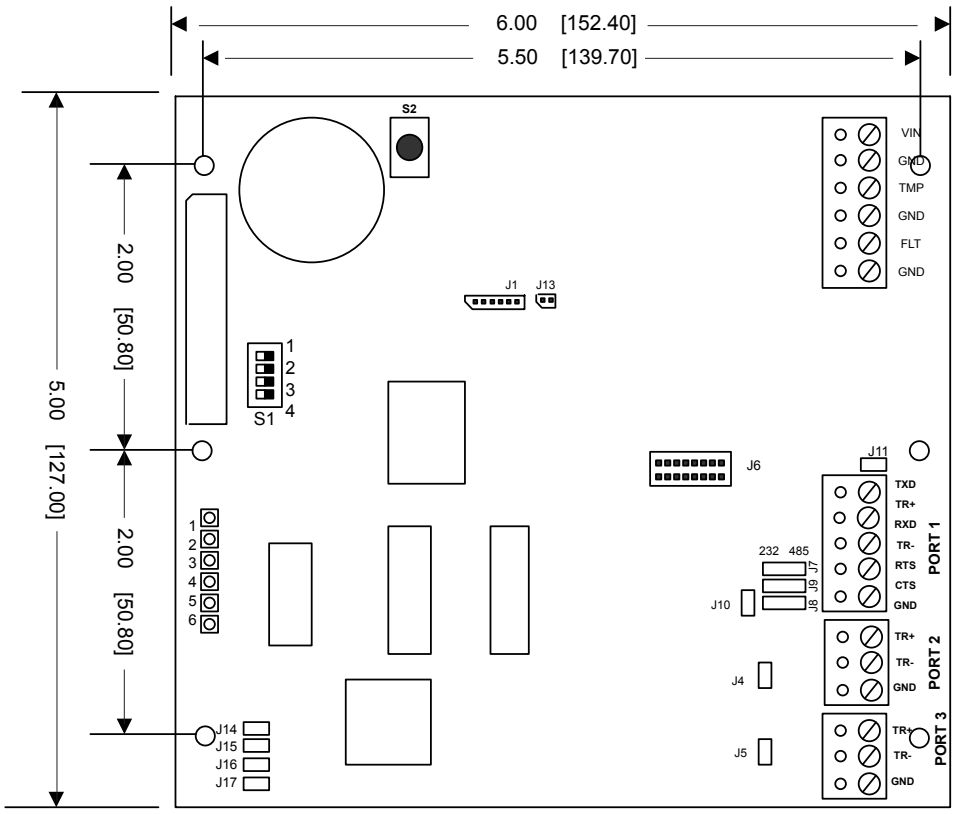


ADC can control up to 32 Sub-controllers (with restrictions)



Quintron Enclosures

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

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