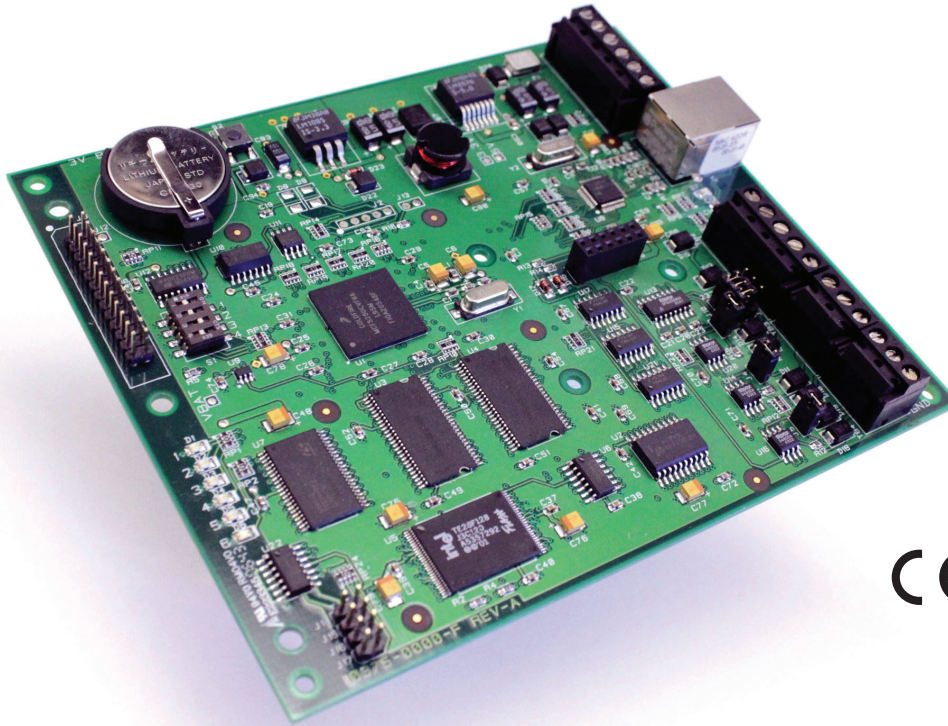


## Advanced Distributed Controller



### Control and monitor up to 64 doors

The Advanced Distributed Controller (ADC) is the highest capacity controller in AccessNsite'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 64 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. If it loses its host connection, the ADC stores events in battery-backed RAM, which will be uploaded to the host once 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 upgradeable firmware
- UL listed 294/1076
- 1 year limited warranty

## Advanced Distributed Controller

### 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

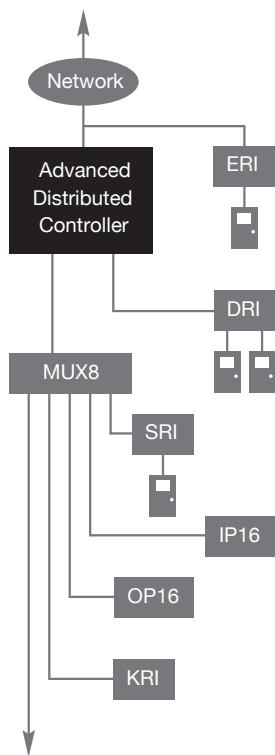
- 0 to 70°C operating
- -55 to 85°C storage

#### Humidity

- 0 to 95% RHNC

#### Certifications

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



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

