EP-1502

Features

- 12-24 VDC
- Onboard TCP/IP Support
- 6MB User RAM
- 2 Reader Ports
- UL294 Compliant
- CE Compliant
- AES 128 bit encryption, NIST Certified
- HSPD-12/FIPS201 Compliant
- PIV-II, CAC, TWIC Card Compatible

Benefits

- Power Readers from Controllers
- Cost Effective Installation
- Support All Popular Reader Technologies
- Field Upgradeable
- Meets FIPS 201 Standards
- Supports Government Card Formats

Scaleable Architecture

The EP-1502 controller is the next generation intelligent controller from Mercury Security. It brings new features, high performance and a competitive cost to the access control market. It supports 2 doors on board and includes built in 10/100 Ethernet support. The controller provides 6MB of user RAM on board.

The EP-1502 is HSPD-12/FIPS201 Compliant. The controller supports up to 8 active card formats including, Weigand, PIV-II, CAC and TWIC cards in addition to 19 digit (64 bit) user IDs with up to 15 digit PIN numbers.

A compact 6x8 form factor allows for easy installation and requires minimal wall space.

Hardware status indicators are plentiful and allow for confirmation of proper operation without any specialized test equipment. Individual LEDs indicate the state of each input, each relay, and each reader.

Connection options with the EP-1502 include Ethernet, RS-232 and RS-485. After configuration is complete, the EP-1502 can perform all functionality without dependence on the host computer.

The EP Series 1502 System Processor Module (EP-1502) provides all necessary inputs and outputs to interface two card readers and associated door hardware. The EP-1502 supports connections to the SCP series DDM, ICM and OCM controllers for expansion.

The EP-1502 can support up to 240,000 cardholders and 50,000 transactions.

TECHNICAL SPECIFICATIONS

ELECTRICAL: Primary Power: 12-24 Vdc +/- 10%, 500 mA maximum

COMMUNICATION: **Ethernet,** RS-232, 2-wire RS-485

INPUTS: 4 general purpose: programmable circuit type
2 dedicated: tamper and power monitor

OUTPUTS: 2 relays: Form C, 5A 30 Vdc

READER PORTS: 2 Reader ports

POWER: Unregulated pass through (150mA max)

KEYPAD: Multiplexed with card data

LED: 2-wire or one-wire bicolor support

BUZZER: Only with 'one-wire' LED

MECHANICAL: Dimensions: 6.0 " W x 8.0 " L x 1.0 " H

(152mm W x 203mm L x 25mm H)

ENVIRONMENTAL: Temperature: 0-70° C operational, -55-85° C storage

Humidity: 0 to 95% RHNC

COMPATIBLE SYSTEM PROCESSOR MODULES:

Eclipse™ 700 systems:

RELATED COMPONENTS:

SDM, DDM, ICM, OCM