

# EP-1502



The concept is simple. Mercury Security provides a hardware foundation for access control systems. A trusted solution with a proven track record of reliability, versatility, and performance. The hardware platform is a mix of hardware components and features that can be configured in different ways to satisfy the requirements of any system.

The product is powerful. The EP-1502 is the next generation intelligent controller from Mercury Security, now with two doors. Windows or Linux interface. Access control, alarm management, and scheduled operations all in one package. And with new connection options, support for new standards, and an expanded feature set, EP-1502 is the controller of choice.

- UL294 Recognized, CE Compliant
- AES 128 bit encryption, NIST Certified
- HSPD-12/FIPS201 Compliant

The result is success. Leverage Mercury's market acceptance and value to help bring your system product to the forefront of the market.



**MERCURY SECURITY**  
CORPORATION

# EP-1502

## FEATURES

### CONNECTION

Primary Port: 10/100 Ethernet  
IP Server, IP Client, DHCP Client  
HTTP, TLS, X.509, SNMP  
RS-232, Dial-up

### DOOR CONTROL

Two reader ports: Mag, Wiegand, or RS-485  
Eight supervised inputs, four relays  
Diagnostic LEDs

### ACCESS CONTROL

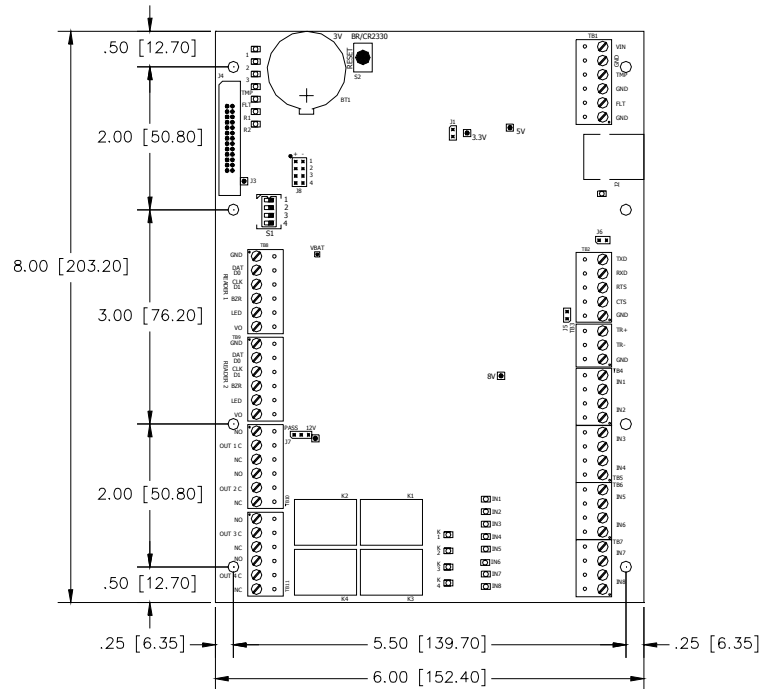
240,000 Cardholder capacity, 50,000 Transaction buffer  
If/Then Macro capability  
Single door, paired, master/slave, elevator  
Strike modes: fail-safe or fail-secure  
Door alarm reporting  
Door Usage reporting  
Anti-passback support  
Area-based, reader-based, or time based  
Hard, soft, or timed forgiveness  
Area Management  
Two man rule, two card rule, and multiple occupancy  
Max. occupancy and occupancy thresholds  
Nested areas  
Card Formats:  
8 active card formats per EP-2500  
Entire card number reported on invalid read  
19 digit (64-bit) UserId and 15 digit PIN numbers maximum  
PIV-II, CAC, TWIC card compatible  
32 Access Levels per cardholder  
Precision Access  
Activation/Deactivation Dates  
Unused features do not consume memory space  
Access verification by card/pin/biometric  
Centralized biometric template management

### ALARM MANAGEMENT

UL294 Compliant  
Normally open/Normally closed, unsupervised, supervised.  
Standard or custom end-of-line resistances  
Line conditioning: programmable sensitivity and hold time  
Entry delay with latching/non-latching option  
Entry/exit delay

### BURG FUNCTIONS

Centrally managed configuration  
Keypad control and status  
Command Transaction History includes user, command  
Command Authority controlled by user, time schedule



### TECHNICAL SPECIFICATIONS

Primary Power	12-24 Vdc +/- 10%, 500mA maximum
Serial Ports	Primary 10/100 Ethernet Port 1:RS-232 Port 2: RS-485, 2-wire
Inputs	4 general purpose: programmable circuit type Two dedicated: tamper and power monitor
Outputs	2 relays: Form C, 5A 30Vdc
Reader Ports	2 Reader ports
Power	Unregulated pass through (150mA max.)
Signaling	Card/Data, Wiegand or RS-485
Keypad	Multiplexed with card data
LED	Two-wire or one-wire bicolor support
Buzzer	Only with 'one-wire' LED
Dimensions	6.0" x 8.0" x 1.0" (152mm x 203mm x 25mm)
Temperature	0-70°C operational, -55-85°C storage
Humidity	0-95% RHNC
Standards	UL294 Recognized, CE Compliant, FCC Part 15 Class A, NIST Certified Encryption

This information is subject to change without notice.  
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