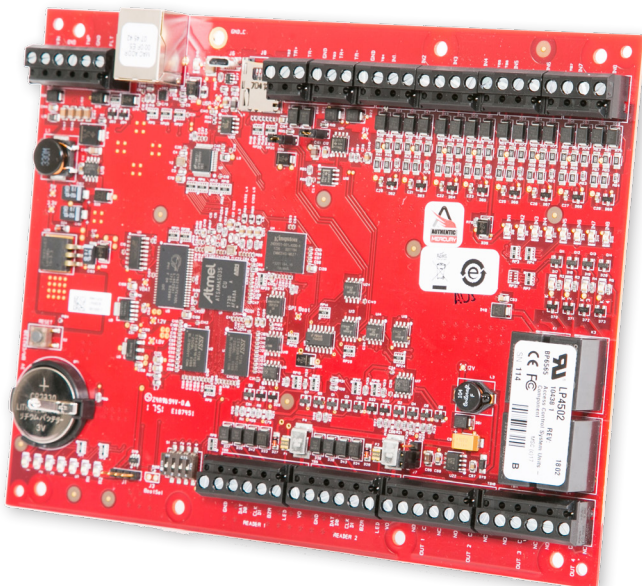




Authentic Mercury LP Series Intelligent Controllers are Mercury Security's next generation advanced access control platform that runs on embedded Linux. The enhanced platform offers an improved processor, increased memory, and an embedded crypto memory chip that provides a secured layer of encryption to onboard sensitive data.

The LP4502 supports a variety of extended features including High Assurance Credential Authentication and complies with the BACnet IP communication protocol. A USB-to-Ethernet IP adapter provides a redundant host IP connection. It has direct hardware support for 2 openings and can scale to 64 access points. This high-performance intelligent controller embeds elevator destination dispatch and provides integrated power management analytics to proactively detect failure before it occurs.



- **Open Architecture:** High performance, reliable platform enables use of hardware with PremiSys access control software
- **Device Integration:** Supports a wide range of third party integrations and applications
- **Enhanced Security:** Embedded crypto memory chip and data at rest encryption provides secured layer of protection of sensitive data
- **OSDP Protocol:** Secure channel security for reader connectivity and extended applications such as biometrics and US government (FICAM)
- **Versatile Interoperability:** Same reliable interface and identical footprint as the EP controllers, enabling seamless upgrades for existing deployments

Features

Third Party Integration Supported

- Wireless Locks
- FICAM Strong Authentication for FIPS-201 US Government
- Elevator Destination Dispatch
- Power Supply Alerts and Events
- Building Control using BACnet IP
- IPv4/v6

Security and Network

- Host communications protected by TLS 1.2/1.1 or AES-256/128
- Controller/IO Expansion connection protected by AES
- Generate and load custom peer certificates for TLS
- Port based network access control using 802.1X
- FIPS 140-2 user of OpenSSL

Card Reader Functions

- Supports multiple card formats, paired and alternate readers, elevator, turnstile and biometric devices
- Anti-passback support (area, reader and time based)
- Programmable keypad user commands
- Threat level and operating modes

PremiSys® LP4502 Intelligent Controller

PREM-CTLR4502-LP

