



Symmetry™ MultiNODE EN-LDBU Wireless Lock Controller

Datasheet

KEY FEATURES

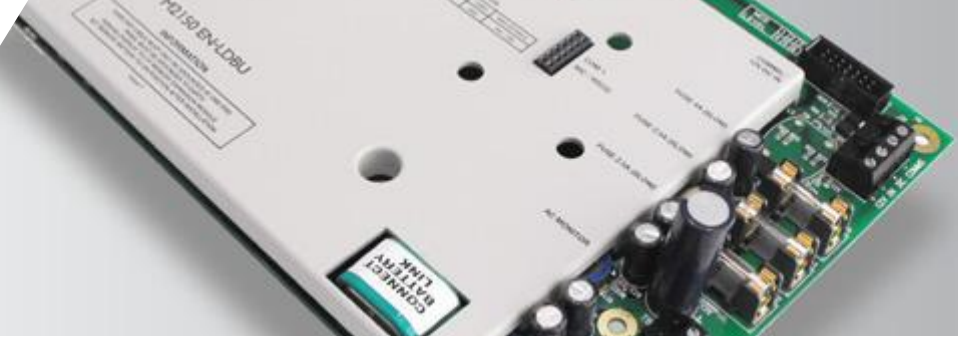
- Connects Aperio wireless locks and hubs into a Symmetry access control system
- Provides a resilient distributed database
- LAN or WAN connection to Symmetry
- Integrated 10/100 Mbps network interface with selectable AES encryption
- Controls up to 16 doors per EN-LDBU (using up to 15 Aperio RS485 hubs)
- Manages 20,000 downloaded credentials, with expansion up to 250,000
- Supports 125KHz proximity, iClass, MIFARE, MIFARE Plus and DESFire Aperio locks and devices
- Supports Symmetry format smartMAX MIFARE cards
- Available in board only or in an enclosure with power supply

The Symmetry EN-LDBU controller provides distributed intelligence and allows ASSA ABLOY Aperio™ wireless locks to be fully integrated into a Symmetry access control system. Aperio wireless locks enable additional doors such as individual offices, meeting rooms and store-rooms to be added cost effectively to an access control system.

The distributed intelligence of the EN-LDBU ensures complete system security, resilience and reliability. The EN-LDBU supports up to 20,000 locally stored badges, and can be expanded up to 250,000 stored badges per controller as required.

System expansion is simple, as any number of EN-LDBU's and software licenses can be added to a Symmetry v7.0.1 (or later) system. Each EN-LDBU can support up to 16 locks, connected by RS-485/multi-drop to one or more Aperio 8-door hubs.

The Symmetry EN-LDBU and associated Aperio hardware support a wide variety of industry-standard card technologies and formats.



SPECIFICATIONS

- Management Software
- Requires Symmetry Professional or Enterprise v7.0.1 or later, with software update

Size

- Width: 9.45 in (240 mm)
- Height: 6.3 in (160 mm)

Enclosures

- Supplied as a board only product
- Fits CAB3, CAB4, RAK3, ENC3, and ENC4 enclosures, plus ENCI with mounting plate

Operating Environment

- 14°F to 131°F (-10°C to 55°C)
- 15% to 90% humidity, non-condensing

Communications

- IP network (10/100 Mbps)
- Selectable AES encryption
- Requires separate Aperio RS485 Hub(s) Hardwired RS232 connections and controller chains are not supported

Storage Capacities

- 20,000 badges as standard
- Expansion modules increase capacity to 50,000, 100,000 or 250,000 credentials

PURCHASING INFORMATION

- EN-LDBU-20K - Board only
- EN-LDBU-20K-HSE - Board only Homeland
- MN-EN-LDBU-ENCI/M
 - Controller in ENCI enclosure with transformer
- M2150-MEM-05F0K
 - 50K memory module
 - Increases card capacity to 50,000
- M2150-MEM-100K
 - 100K memory module
 - Increases card capacity to 100,000
- M2150-MEM-250K
 - 250K memory module
 - Increases card capacity to 250,000
- MN-DBU-PLATE
 - Adapter plate to mount EN-LDBU in ENCI enclosure
- MN-EN-LDBU-ENCI
 - Controller in ENCI enclosure
- MN-EN-LDBU-ENCI-HSE
 - Controller in ENCI enclosure – Homeland

LICENSES

- LOCK-LIC-004-V7 - Symmetry 4 Lock Licenses
- LOCK-LIC-016-V7 - Symmetry 16 Lock Licenses
- LOCK-LIC-064-V7 - Symmetry 64 Lock Licenses
- LOCK-LIC-256-V7 - Symmetry 256 Lock Licenses