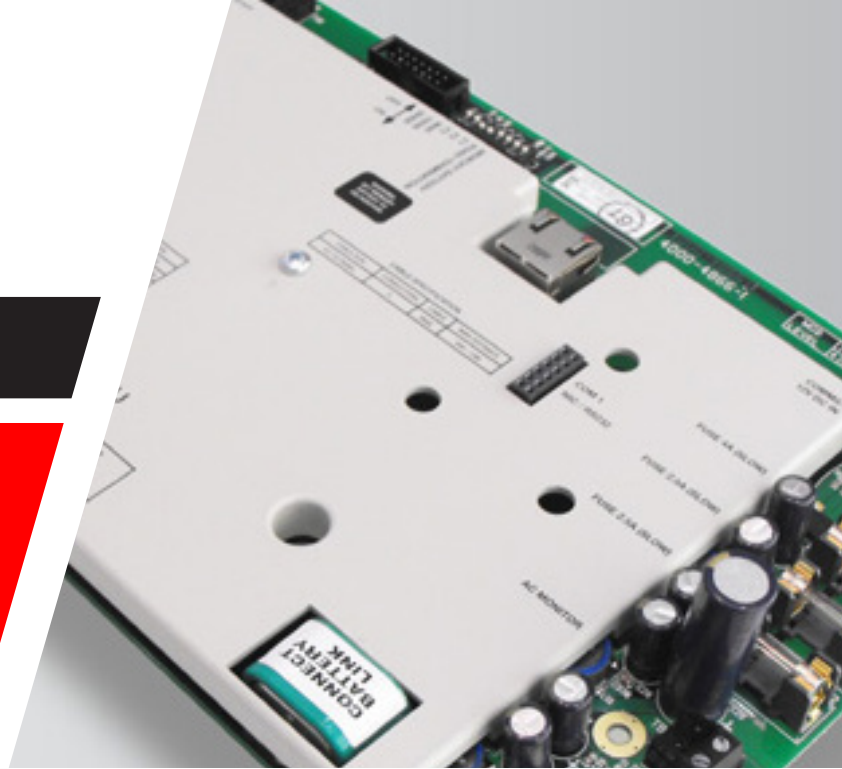




## D A T A S H E E T

# Symmetry™ MultiNODE EN-LDBU

## Wireless Lock Controller



### 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

### Product Overview

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.



**Symmetry™  
MultiNODE EN-LDBU**



**Specifications**

- ✓ Requires Symmetry Professional or Enterprise

**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

**Licenses**

AUTON-LIC-008-V9.5 Symmetry Autonomous Lock License - 008 Locks

AUTON-LIC-016-V9.5 Symmetry Autonomous Lock License - 016 Locks

AUTON-LIC-064-V9.5 Symmetry Autonomous Lock License - 064 Locks

AUTON-LIC-256-V9.5 Symmetry Autonomous Lock License - 256 Locks





D A T A S H E E T

**Symmetry™**  
**MultiNODE EN-LDBU**



**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



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