

Symmetry™ MultiNODE M2150 EN-DBU

Intelligent Controller



Key Features

Modular mix and match configuration

Provides the distributed database for a resilient access control system

Connects to Symmetry management software via LAN or WAN (hardwired RS232 connections and controller chains are not supported)

Integrated AES encrypted 10/100 Mbps network interface card

Each EN-DBU can control up to 16 doors and readers using separate door controllers

Manages between 20,000 and 250,000 card holders depending on the model selected

Fast data upload and download with onboard network interface card

Failover modem interface provided

FICAM approved (Symmetry Homeland v8)

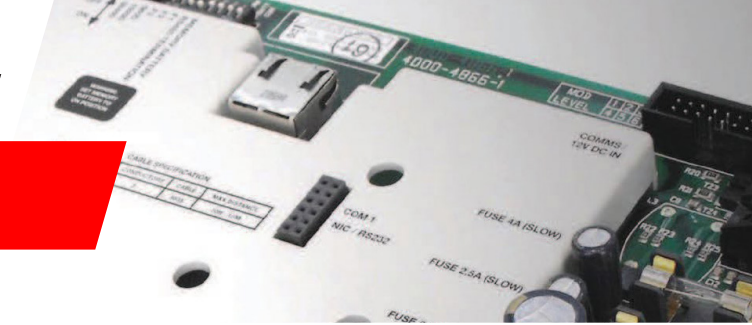
Product Overview

The multiNODE M2150 EN-DBU controller provides distributed intelligence for your access control system and ensures complete system security, resilience and reliability. When combined with Symmetry security management software, the M2150 controller range provides a seamless security management system. The M2150 EN-DBU offers the ultimate in flexibility and system design architecture by delivering database intelligence with connectivity to remote door controllers.

In line with the move towards fully networked access control and edge devices, the EN-DBU is provided with an on-board Network Interface Card (NIC) and new communications protocols which allow considerably faster data upload and download times than conventional access control panels. The NIC supports data security across the network by supporting encryption to the U.S. government AES encryption standard.

Expansion of the system is simple through separate door controllers for 4 and 8 doors (up to a maximum of 16 doors per EN-DBU). Using additional input and output modules and controllers the M2150 range can be extended to manage a number of applications, including alarm monitoring.

Variants of the EN-DBU are available to manage between 20,000 and 250,000 card holders per controller. The EN-DBU is also future proofed to allow longer card numbers.

**Symmetry™ MultiNODE
M2150 EN-DBU****Specifications**

- ✓ Management Software
- ✓ 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 with door controllers

Operating Environment

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

Communications

- IP Network (10/100 Mbps)
- AES encryption
- EN-DBU to door controller = 3,000ft (1,000m)
- Requires separate 4DC or 8DC door controllers

Storage Capacities

- Supports 20,000 cardholders natively and with firmware it is expandable to 250,000

The EN-DBU and associated door controllers are compatible with Symmetry card readers using the MCLP protocol. An optional Wiegand interface module (WIM) is available for use with Wiegand card readers or almost any biometric reader. All access card technologies are supported.

Note: For applications supporting Power over Ethernet, please see the separate EN-IDBC and EN-2DBC datasheets.

For details of the rest of the comprehensive M2150 range see the separate datasheet.

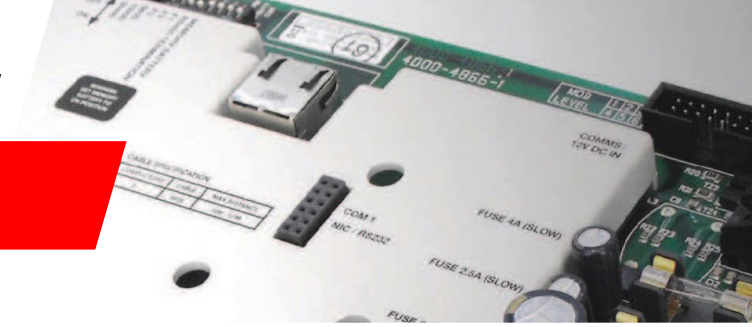
Please refer to price list for part numbers for each referenced item.





D A T A S H E E T

**Symmetry™ MultiNODE
M2150 EN-DBU**



Purchasing Information

EN-DBU-20K - 20,000 card readers

EN-DBU-50K - 50,000 card readers

EN-DBU-100K - 100,000 card readers

EN-DBU-250K - 250,000 card readers

EN-DBU-20K-HSE - 20,000 card holders

EN-DBU-50K-HSE - 50,000 card holders

EN-DBU-100K-HSE - 100,000 card holders

EN-DBU-250K-HSE - 250,000 card holders



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