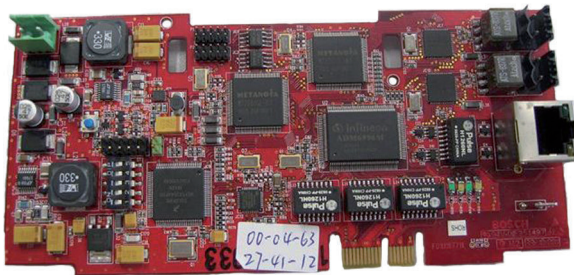


FPE-1000-NW Networking Card 1-Ethernet 2-Wired

www.boschsecurity.com



BOSCH
Invented for life



- ▶ Provides media type change through RJ45 and wired connections
- ▶ Provides one Ethernet port using CAT 5 or better cable
- ▶ Uses simple plug-in connection to the FPA-1000-V2
- ▶ Connects as either Class A or Class B
- ▶ Provides second power input port for normal network operation during maintenance

The FPE-1000-NW Wired Networking Card provides two wired ports for in/out peer-to-peer communication and one additional Ethernet port for communication with the fiber optic and Ethernet cards, for IP reporting, or for browser-based panel/network programming.

Functions

Auxiliary Power

The networking card typically receives power from the FPA-1000-V2 mainboard. The networking card can, however, be powered by an auxiliary power supply (nominal 24 VDC with 2-pin connector). When both power sources are connected to the networking card, only one source supplies power to the card without interference by or with the other supply. This allows the network to continue to function when maintenance requires the networking card be disconnected from the mainboard.

Certifications and approvals

Region	Certification	
USA	UL	FSZI: Emergency Alarm System Control Units (ANSI/UL 2017) and UOJZ: Control Units, System (ANSI/UL 864)
	CSFM	see our website
	FDNY-CoA	#6101

Installation/configuration notes

Mounting

Mount the networking card along the bottom of the keypad on the mainboard. Copper leads on the networking card slide into terminals on the mainboard and a the mounting bracket on the networking card snaps into place onto the keypad base.

Connections

All Ethernet connections are made with a minimum of CAT 5 cable at a maximum length of 328 ft (100 m). Wired network connections are made with twisted pair wire (shielded or unshielded) at a maximum length of 2952 ft (900 m) or CAT 5 cable or better at a maximum length of 3280 ft (1000 m).

Parts included

Quant.	Component
1	Networking card with attached mounting bracket
2	Literature: <ul style="list-style-type: none"> • Networking Cards Installation Guide • Networking Quick Installation Guide

Technical specifications

Electrical

Current:	330 mA maximum
Voltage (supplied from FPA-1000 Mainboard and/or auxiliary power supply with 2-pin connector):	Nominal: 24 VDC Range: 20 VDC to 28 VDC

Environmental

Environment:	Indoor, dry
Relative Humidity:	Up to 95%, non-condensing
Temperature (operating):	+32°F to +120°F (0°C to +49°C)

Mechanical

Ethernet connection

Connector Type:	CAT 5 cable minimum
Circuit Distance:	328 ft (100 m) maximum

Wired connections

Connector Type:	12 AWG (2.05 mm) to 26 AWG (0.41 mm) twisted pair (shielded or unshielded) or CAT 5 cable or better
Circuit Distance:	Depends on wire quality: Twisted pair: 2952 ft (900 m) maximum CAT 5: 3280 ft (1000 m) maximum

Ordering information

FPE-1000-NW Networking Card 1-Ethernet 2-Wired
Wired Networking Card for peer-to-peer communication in an FPA-1000 networked system
Order number **FPE-1000-NW**

Represented by:

Americas:

Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:

Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:

Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com