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

- 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

Certifications and approvals

<table>
<thead>
<tr>
<th>Region</th>
<th>Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA</td>
<td>UL FSZI: Emergency Alarm System Control Units (ANSI/UL 2017) and UOJZ: Control Units, System (ANSI/UL 864)</td>
</tr>
<tr>
<td>CSFM</td>
<td>see our website</td>
</tr>
<tr>
<td>FDNY-CoA</td>
<td>#6101</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Quant.</th>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Networking card with attached mounting bracket</td>
</tr>
</tbody>
</table>

## Literature:
- Networking Cards Installation Guide
- Networking Quick Installation Guide

## Technical specifications

### Electrical

<table>
<thead>
<tr>
<th>Current:</th>
<th>330 mA maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage (supplied from FPA-1000 Mainboard and/or auxiliary power supply with 2-pin connector):</td>
<td>Nominal: 24 VDC&lt;br&gt;Range: 20 VDC to 28 VDC</td>
</tr>
</tbody>
</table>

### Environmental

<table>
<thead>
<tr>
<th>Environment:</th>
<th>Indoor, dry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relative Humidity:</td>
<td>Up to 95%, non-condensing</td>
</tr>
<tr>
<td>Temperature (operating):</td>
<td>+32°F to +120°F (0°C to +49°C)</td>
</tr>
</tbody>
</table>

### Mechanical

#### Ethernet connection

<table>
<thead>
<tr>
<th>Connector Type:</th>
<th>CAT 5 cable minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circuit Distance:</td>
<td>328 ft (100 m) maximum</td>
</tr>
</tbody>
</table>

#### Wired connections

<table>
<thead>
<tr>
<th>Connector Type:</th>
<th>12 AWG (2.05 mm) to 26 AWG (0.41 mm) twisted pair (shielded or unshielded) or CAT 5 cable or better</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circuit Distance:</td>
<td>Depends on wire quality:&lt;br&gt;Twisted pair: 2952 ft (900 m) maximum&lt;br&gt;CAT 5: 3280 ft (1000 m) maximum</td>
</tr>
</tbody>
</table>

## 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**

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