Navijin

DATASHEET

NETWORK INFRASTRUCTURE / LONG RANGE POE SWITCH

FEL1010-16P2G1S

16FE PoE + 2GE + 1SFP 250M Long Range PoE

PRODUCT PAGE

FEL1010-16P2G1S



7.2Gbps	5.36Mpps	150W
SWITCHING CAPACITY	FORWARDING RATE	POE POWER

Overview

16FE PoE + 2GE + 1SFP 250M Long Range PoE Switch

Key Features

- 1-16 10/100Mbps RJ45 support the 802.3af/at (PoE+)
- Support IEEE 802.3I, 802.3u, 802.3x, 802.3at, 802.3af, 802.3z
- Up to 30W PoE power for each port
- Support 8K MAC address
- Plug-and-play, no management required
- Dip Switch mode: VLAN/Watchdog/CCTV/BSC

Hardware Specifications

Ports	16x 10/100M RJ45 ports 2x 10/100/1000M RJ45 ports 1x 100/1000M SFP ports
Power Supply	AC 100-240V 50/60Hz
Protocol Standards	IEEE 802.3i, 802.3u, 802.3x, 802.3at, 802.3af
Indicator Light	PoE indicators, Link/act indicators, Power

Network Medium	10Base-T: UTP category 3, 4, 5 cable (max. 100m) 100Base-Tx: UTP category 5, 5e cable (max. 100m)
Dimensions	294mm x 179mm x 44mm
Lightning Protection Level	4kv
PoE Port	16x 802.3at/af standard PoE ports
PoE Pin Definitions	1/2(+), 3/6(-)
PoE Power	150W
Total power	200W
Forwarding Mechanism	Store-and-Forward
Switching Capacity	7.2Gbps
Forwarding Rate	5.36Mpps
MAC Address Table	8K
Environment	Operating Temperature: 0°C ~45°C Storage Temperature: -40°C ~70°C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~95% non-condensing
Dip Switch mode	CCTV Mode: 250M long range transmission Watchdog Mode: Continuously monitor equipment failures, automatically restart to restore device status VLAN Mode: Ports isolated from each other BSC Mode: Prevent network congestion and maintain performance by controlling broadcast traffic - (Broadcast storm control)

Warranty & support Local RMA and technical support through our regional hub in Dubai and our authorized partners. Certificates and project pricing on request. **navijin.com** · **sales@navijin.com**

Rev. 2026-11. Specifications are subject to change without notice. Navijin and the Navijin logo are trademarks of Navijin Technology Co. All other trademarks are the property of their respective owners. © 2026 Navijin Technology Co. All rights reserved.