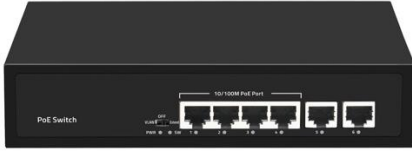# 65W 6-Port PoE Switch with 2 Uplink Ports

Model: NSP-104F02F-65M

Main Features:

- ✧ 4x 10/100 Mbps PoE ports, 2x 10/100 Mbps uplink ports;
- ✧ PoE standards: IEEE 802.3af(15.4W), IEEE 802.3at(30W);
- ✧ Switching Capacity: 1.2 Gbps, Forwarding Rate: 0.8928 Mbps;
- ✧ DIP switch to enable VLAN/Default/Extension modes;
- ✧ Support PoE Watchdog, 8kV ESD, 4kV lightning protection.

I/O Interfaces

Power Input	100-240 VAC, 50-60 Hz
Ethernet Ports	4x 10/100 Mbps PoE ports 2x 10/100 Mbps uplink ports

Network Performance

Switching Capacity	1.2 Gbps
Packet Forwarding Rate	0.8928 Mpps
Packet Buffer	768 KB
MAC Address Table	2 K
Transmission Mode	Store-and-Forward
PoE Watchdog	Monitoring, Automatic Reboot, Error Correction

Standards

Network Standards	IEEE 802.3i (10BASE-T Ethernet) IEEE 802.3u (100BASE-TX Fast Ethernet) IEEE 802.3x (Flow Control)
PoE Standards	IEEE 802.3af (15.4 watts) IEEE 802.3at (30 watts)
Network Media	10BASE-T: UTP CAT 3, 4, 5 cable (≤ 250 m) 100BASE-TX: UTP CAT 5 or above cable (≤ 100 m)

Safety and Protection

ESD	8 kV (air) 6 kV (contact, class C)
Lightning Protection	4 kV (common-mode) 2 kV (differential-mode)

Environment

Operating Temperature	-10°C to 50°C
Operating Humidity	RH 10% to 90% (non-condensing)
Storage Temperature	-40°C to 70°C
Storage Humidity	RH 5% to 95% (non-condensing)

DIP Switch Enabled Features

VLAN	Port Isolation Mode: the PoE ports(1-4) can only communicate with the uplink ports; PoE Watchdog enable.
Default/Off	Default Mode: all ports can communicate with each other, and transmission distance is up to 100 m at 10/100 Mbps adaptively; PoE Watchdog disable.
Extend	Port Extension Mode: power supply and data transmission distance of PoE ports(1-4) is extended up to 250 m at 10 Mbps; PoE Watchdog enable.

General

LED Indicators	Power, SW, LAN
Power Budget	65W (52 VDC, 1.25 A)
Housing Material	Metal
Dimension	200 x 118 x 44 mm (LxWxH)
Net Weight	0.6 kg
Gross Weight	0.86 kg
Package List	1x Switch, 1x AC Power Cord, 1x User Manual

Dimension   (unit: mm)

200mm

AC INPUT
100-240V

44mm

44mm

118mm

200mm

118mm

44mm

118mm

200mm

44mm

PoE Switch

10/100M PoE Port

OFF
VLAN   Extend
PWR ● ● SW   1 ●   2 ●   3 ●   4 ●   5 ●   6 ●