

CODE: **SF108-90W** v.2.0/III  
 NAME: **SF108-90W 12-port PoE switch for 8 IP cameras**

EN



**Features:**

- Switch 12 ports  
 8 PoE ports 10/100 Mb/s, (1+8 ports)  
 (data and power supply)  
 2 ports 10/100/1000 Mb/s (G1/TP, G2/TP ports) (UpLink)  
 2 ports 1000 Mb/s SFP (G3/SFP, G4/SFP ports)
- 30 W for each PoE port, supports devices compliant with the IEEE 802.3af/at standard
- Supports auto-learning and auto-aging of MAC addresses (1K size)
- LED indication
- PSD 520175 52 V DC; 1,75 A /90 W max. power supply desktop type included
- Additional assembly elements
- warranty – 2 years from production date

**DESCRIPTION**

SF108 is a 12-ports PoE switch designed to supply IP cameras operating in IEEE 802.3af/at standard. Automatic detection of any devices powered in the PoE/PoE+ standard is enabled at the 1 – 8 ports of the switch. The G1/TP and G2/TP ports is used for connection of another network device via RJ45 connector. The switch is fitted with SFP slots (marked as G3/SFP and G4/SFP); the use of fiber optic module (GBIC) allows fiber optic transmission.

The operating status of the device (described in the table3) is displayed on the LED display on the front panel. The PoE technology ensures a network connection and reduces installation costs by eliminating the need to supply a separate power cable for each device. This method allows supplying other network devices, such as IP phone, wireless access point or router.

**TECHNICAL PARAMETERS**

<b>Ports</b>	8 x PoE (10/100 Mb/s) (RJ-45) 2 x UPLINK (10/100/1000 Mb/s) (RJ-45) 2 x UPLINK (1000 Mb/s) (SFP) with connection speed auto-negotiation and MDI/MDIX Auto Cross
<b>PoE power supply</b>	IEEE 802.3af (1+8 ports), 52 V DC / 30 W at each port *
<b>Protocols, Standards</b>	IEEE 802.3, 802.3u, 802.3x CSMA/CD, TCP/IP
<b>Forwarding rate</b>	10BASE-T: 14880 pps/port 100BASE-TX: 148800 pps/port
<b>Bandwidth</b>	24 Gb/s
<b>Transmission method</b>	Store-and-Forward
<b>Optical indication of operation</b>	Switch power supply Link PoE Status
<b>Power supply</b>	~100-240 V; 50/60 Hz; 1 A the PSD 520175 52 V DC; 1,75 A /90 W max. power supply desktop type
<b>Operating conditions</b>	Temperature -10°C ÷ +40°C, Relative humidity 20% - 90%, no condensation
<b>Dimensions</b>	W=220, H=44, D=150 [+/- 2mm]
<b>Additional equipment</b>	plate to be fixed surface, bracket for RACK 19"
<b>Net/gross weight</b>	1,35 / 1,57 [kg]
<b>Protection class EN 62368-1</b>	I (first)
<b>Storage temperatur</b>	-20°C ÷ +60°C
<b>Declarations, warranty</b>	CE, 2 years from production date

\* The given value of 30 W per port is the maximum value. The total power consumption should not exceed 80 W.



## Connection schemes

