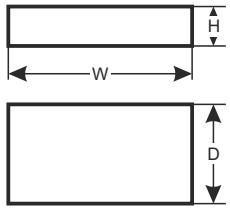
EN**

CODE: **SF116** v.1.1/III

TYPE: **SF116 16-ports switch for 16 IP cameras**



CE

Features:

- Switch 16 ports
  16 PoE ports 10/100Mb/s (data transfer and power supply)
  2 ports 10/100/1000 Mb/s (ports G1/TP, G2/TP) (UpLink)
  2 ports 10/100/1000Mb/s SFP (G1/SFP, G2/SFP ports) (UpLink)
- 30W for each PoE port, supports devices complaint with the IEEE802.3af/at **(PoE+)** standard
- Supports auto-learning and auto-aging of MAC addresses (16K size)
- LED indication
- Additional assembly elements
- warranty – 2 year from the production date

DESCRIPTION

SF116 is a 16-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 G1/SFP and G2/SFP), the use of fiber optic module (GBIC) allows fiber optic transmission.The operating status of the device (described in the table below) 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

Ports	16 x PoE (10/100Mb/s) (RJ-45) 2 x UPLINK (10/100/1000Mb/s) (RJ-45) 2 x UPLINK (10/100/1000Mb/s) (SFP) with connection speed auto-negotiation and MDI/MDIX Auto Cross)
PoE power supply	IEEE 802.3af/at (1÷16 ports), 52VDC / 30W at each port * Used pairs 4/5 (+), 7/8 (-)
Protocols, Standards	IEEE802.3, 802.3u, 802.3x CSMA/CD, TCP/IP
Bandwidth	14,8Gbps
Transmission method	Store-and-Forward
Optical indication of operation	Switch power supply Link PoE Status
Power supply	90 ÷ 264VAC 50/60Hz / 1,4A / 230VAC
Operating conditions	temperature -10°C ÷ 40°C, relative humidity 20% - 90%, no condensation
Dimensions	W=442, H=44, D=224 [+/- 2mm]
Additional equipment	bracket for Rack 19”
Cable length AC	1,2m
Net/gross weight	2,7 / 3,1kg
Protection class EN 60950-1:2007	I (first)
Storage temperatur	-20°C ÷ 60°C
Declarations, warranty	CE, 2 year from the production date

* The given value of 30W per port is the maximum value. The total power consumption should not exceed 160W when all PoE ports are being used.

Connection schemes