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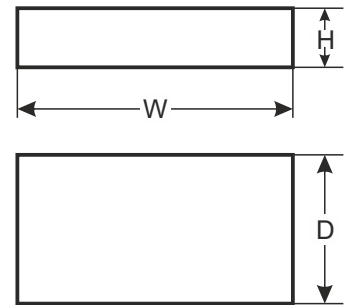CODE: **SFG116**   v.1.0/I   **EN**
NAME: **SFG116 16-port PoE switch for 16 IP cameras**

CE

Features:

- Switch 16 ports
  16 PoE ports 10/100/1000 Mb/s (data transfer and power supply)
  2 ports 10/100/1000 Mb/s (TP/17, TP/18 ports) (UpLink)
  2 ports 1000 Mb/s (SFP/19, SFP/20 ports) (UpLink)
- 30W for each PoE port, supports devices compliant with
  IEEE802.3af/at standard **(PoE+)**
- Supports auto-learning and auto-aging of MAC addresses (8K size)

- Optical indication
- Additional mounting elements
- Warranty – 2 years

DESCRIPTION

SFG116 is a 16-ports PoE switch designed to supply IP devices operating in IEEE 802.3af/at standard.
The switch - at ports 1-16 - automatically detects devices powered in the PoE/PoE+ standard. Ports marked TP/17 and TP/18 allow connecting additional network devices via RJ45 connectors. The switch is also equipped with two SFP sockets (labeled SFP/19 and SFP/20), They allow data transmission via optical fiber using a fiber optic module (SFP GBIC). On front panel there is LEDs signaling of the device's status.
The PoE technology provides a network connection and reduces installation costs by eliminating the need to supply a separate power cable to each device. In addition to cameras, other network devices using this technology can be supplied in this way, e.g. IP phone, wireless access point, router.

TECHNICAL PARAMETERS

Ports	16 x PoE (10/100/1000 Mb/s) (RJ-45) 2 x UPLINK (10/100/1000 Mb/s) (RJ-45) 2 x UPLINK (1000 Mb/s) (SFP) with auto negotiation of connection speed, auto MDI/MDIX crossover
PoE supply	IEEE 802.3af/at (1÷16 ports), 52 V DC / 30 W at each port * Used pairs 1/2 (+), 3/6 (-)
Protocols, Standards	IEEE802.3, 802.3u, 802.3x, 802.3ab, 802.3z, TCP/IP
Bandwidth	56 Gb/s
Transmission method	Store-and-Forward
Optical indication of operation	Switch supplying; Link PoE Status
Power supply	~100-240 V; 50/60 Hz; 3 A
Operating conditions	Temperature: -10°C – +40°C relative humidity 20%...90%, without condensation
Dimensions	W=442, H=44, D=290 [+/- 2mm]
Additional accessories	Mount brackets ing for RACK 19"
Długość kabla AC	1,2m
Net/gross weight	3,8 / 4,3 [kg]
Protection class EN 62368-1	I (first)
Storage temperature	-20°C – +60°C
Declaration	CE

* The given value of 30 W per port is the maximum value. The total power consumption should not exceed 160 W.

Tel. +48-14-610-19-45
www.pulsar.pl
e-mail: sales@pulsar.pl

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Connection schemes:

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