

CODE: **SF116-C** v.1.0/l
TYPE: **SF116-C 16-ports switch for 16 IP cameras with enclosure**



Features:

- Switch 16 ports
 - 16 PoE ports 10/100Mb/s, (1÷16 ports) (data and power supply)
 - 2 ports 10/100/1000Mb/s (ports G1/TP, G2/TP2)
 - 2 ports 10/100/1000Mb/s SFP (port G1/SFP, G2/SFP)
- 15,4W for each PoE port, supports devices complaint with the IEEE802.3af standard
- Supports auto-learning and auto-aging of MAC addresses (1K size)
- LED indication
- Metal housing - color white RAL 9003
- warranty – 2 year from the production date

DESCRIPTION

The SF116-C is a complete kit to build the CCTV system based on IP cameras. The switch 16-ports is placed in a metal enclosure. Supplied with 230V AC voltage.

Automatic detection of any devices powered in the PoE standard is enabled at the 1 -16 ports of the switch. The G1/TP, G2/TP port is used for connection of another network device via RJ45 connector. The switch is fitted with SFP slots; the use of fiber optic module (GBIC) allows fiber optic transmission.

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.

PARAMETERS OF THE SWITCH

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 (1+16 ports), 52V DC / 15,4W at each port * Used pairs 4/5 (+), 7/8 (-)
Protocols, Standards	IEEE802.3, 802.3u, 802.3x CSMA/CD, TCP/IP
Forwarding rate	10BASE-T: 14880pps/port 100BASE-TX: 148800pps/port
Bandwidth	1,6Gbps
Transmission method	Store-and-Forward
Optical indication of operation	Switch power supply; Link/Act; PoE Status

* The given value of 15,4W per port is the maximum value. The total power consumption should not exceed 192W when all PoE ports are being used.

ELECTRICAL PARAMETERS

Mains supply	176÷264V AC
Current up to	1,2A@230VAC max.
Supply power	192W
Output current at the PoE ports (RJ45)	16 x 0,2A Σ I=3,2A (max.)
PSU current consumption	52VDC

MECHANICAL PARAMETERS

Enclosure dimensions	525 x 540 x 70+14 [mm] (WxHxD)
Gross/Net weight	10,7 / 11,6 kg
Enclosure	Steel plate, DC01 1,0mm color white RAL 9003
Closing	Cheese head screw x 2 (at the front)
Connectors	Power supply of the cameras: RJ45 socket TAMPER output: wires