

CODE: **SF116** v.1.2/IV  
 TYPE: **SF116 16-port switch for 16 IP cameras**

EN\*\*



### 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)
- 30 W 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

|                                                   |                                                                                                                                                                                |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ports</b>                                      | 16 x PoE (10/100Mb/s) (RJ-45)<br>2 x UPLINK (10/100/1000Mb/s) (RJ-45)<br>2 x UPLINK (10/100/1000Mb/s) (SFP)<br>with connection speed auto-negotiation and MDI/MDIX Auto Cross) |
| <b>PoE power supply</b>                           | IEEE 802.3af/at (1÷16 ports), 52 V DC / 30 W at each port *<br>Used pairs 1/2 (+), 3/6 (-)                                                                                     |
| <b>Protocols, Standards</b>                       | IEEE802.3, 802.3u, 802.3x CSMA/CD, TCP/IP                                                                                                                                      |
| <b>Bandwidth</b>                                  | 14,8Gbps                                                                                                                                                                       |
| <b>Transmission method</b>                        | Store-and-Forward                                                                                                                                                              |
| <b>Optical indication of operation</b>            | Switch power supply<br>Link<br>PoE Status                                                                                                                                      |
| <b>Power supply</b>                               | ~100-240 V; 50/60 Hz; 3 A                                                                                                                                                      |
| <b>Operating conditions</b>                       | temperature -10°C ÷ 40°C,<br>relative humidity 20% - 90%, no condensation                                                                                                      |
| <b>Dimensions</b>                                 | W=442, H=44, D=224 [+/- 2mm]                                                                                                                                                   |
| <b>Additional equipment</b>                       | bracket for Rack 19"                                                                                                                                                           |
| <b>Cable length AC</b>                            | 1,2m                                                                                                                                                                           |
| <b>Net/gross weight</b>                           | 2,7 / 3,1kg                                                                                                                                                                    |
| <b>Protection class</b><br><b>EN 60950-1:2007</b> | I (first)                                                                                                                                                                      |
| <b>Storage temperatur</b>                         | -20°C ÷ 60°C                                                                                                                                                                   |
| <b>Declarations, warranty</b>                     | CE, 2 year from the production date                                                                                                                                            |

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

## Connection schemes

