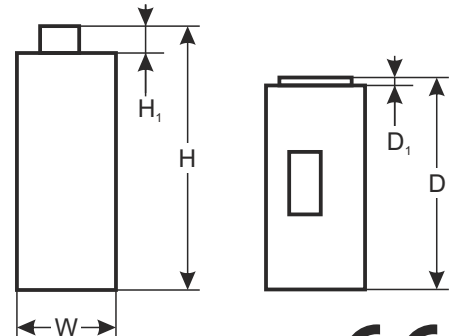


CODE: **ISF108** v.2.0/IV  
 NAME: **Industrial PoE switch ISF108 (8xPoE, 2xSFP, 2xRJ45)**

EN



**Features:**

- 12 ports switch
  - 8 PoE ports 10/100 Mb/s, (1+8 ports) (data and power supply)
  - 2 ports 10/100/1000 Mb/s (TP/9, TP/10 ports) (UpLink)
  - 2 ports 1000Mb/s SFP (SFP/11, SFP/12 ports) (UpLink)
- 30 W for each PoE port, supports devices complaint with the IEEE802.3af/at standard
- Supports auto-learning and auto-aging of MAC addresses (16K size)
- **Possibility of redundant power supply**
- Mounting on a DIN rail (TH35)
- LED indication
- warranty – 5 year

**DESCRIPTION**

ISF108 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 standard is enabled at the 1 – 8 ports of the switch. The TP/9 and TP/10 ports is used for connection of another network device via RJ45 connector. The switch is fitted with SFP slots (marked as SFP/11 and SFP/12), the use of fiber optic module (GBIC) allows fiber optic transmission. Device has solutions that allow it to be powered from two sources (emergency power supply, redundant power supply) – in case of a failure of one source, it immediately switches to backup one.

The LEDs at the front panel indicate the operation status. 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/at (1+8 ports), 52 V DC / 30 W at each port *
<b>Protocols, Standards</b>	IEEE802.3, 802.3u, 802.3x CSMA/CD, TCP/IP
<b>Bandwidth</b>	5,6 Gb/s
<b>Transmission method</b>	Store-and-Forward
<b>Optical indication of operation</b>	Switch power supply; Link/Act; PoE Status
<b>Power supply</b>	Switch: 12-57 V DC; 2,3 A max. PoE: 48-57 V DC; 2,3 A max.
<b>Self-power consumption</b>	5 W max.
<b>Operating conditions</b>	Temperature -30°C ÷ +70°C, Relative humidity 5% - 90%, no condensation
<b>Dimensions</b>	W=54, H=176, H <sub>1</sub> =10, D=153, D <sub>1</sub> =8 [+/- 2 mm]
<b>Net/gross weight</b>	0,9 / 1,1 [kg]
<b>Protection class EN 62368-1</b>	I (first)
<b>Storage temperature</b>	-30°C ÷ +70°C
<b>Declarations, warranty</b>	CE, 5 year

\* The given value of 30 W per port is the maximum value. The total power consumption should not exceed 120 W.



### Connection schemes

