



TFortis PSW-1-45-WiFi Unmanaged Switch



TFortis PSW-1-45-WiFi – switch for networking IP-based outdoor video surveillance systems with the use of Wi-Fi. It has 4 ports 10/100Base-Tx with PoE and 1 port 10/100Base-Tx that supports Passive PoE 24V. Inside the switch, there is a place for the installation of Breakers on the DIN-rail.

Support of Passive PoE 24V on the 5-th port allows connecting wireless access points, for example, Ubiquiti, without using external power adapters and PoE adapters.

4 ports with PoE provide power supply to IP cameras.

Automatic restart of IP cameras effectively deals with their hanging.

Built-in Lightning Protection on ports and 220V power supply protects equipment from high-voltage surges.

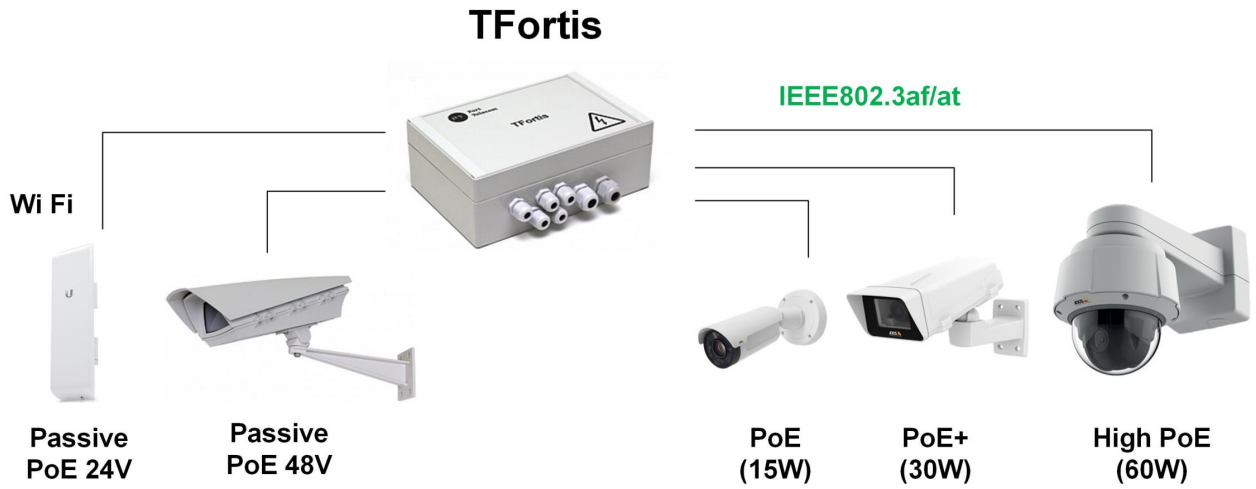
Place for breakers excludes usage of additional cabinets.

Technical specifications

Ports	- 4 ports 10/100Base-Tx RJ-45 PoE - 1 port 10/100Base- Tx RJ-45 Passive PoE 24V
PoE	- Ports 1-4: PoE standard IEEE 802.3af (Mode B) – 15.4 W per port - Port 5: Passive PoE 24V (Mode B) – 24V, 0.5A; - Power budget: 50 W
Management	- Unmanaged
Supply voltage	- 220 VAC
Maximum power consumption	- 60 W
Casing	- IP66
Operating temperature	- -55 to +65°C (-67 to 149°F) *
Maximum Weight	- 2 kg
Dimensions	- 240 × 160 × 90 mm

* Mode A – power is supplied via DATA pairs (1,2 and 3,6). Mode B – power is supplied via free pairs (4,5 and 7,8).

* The maximum temperature depends on the load - see diagram 1 (page 5)



Generic solutions

Remote object video surveillance linking with a security point can be organized using a Wi-Fi bridge according to the following scheme:

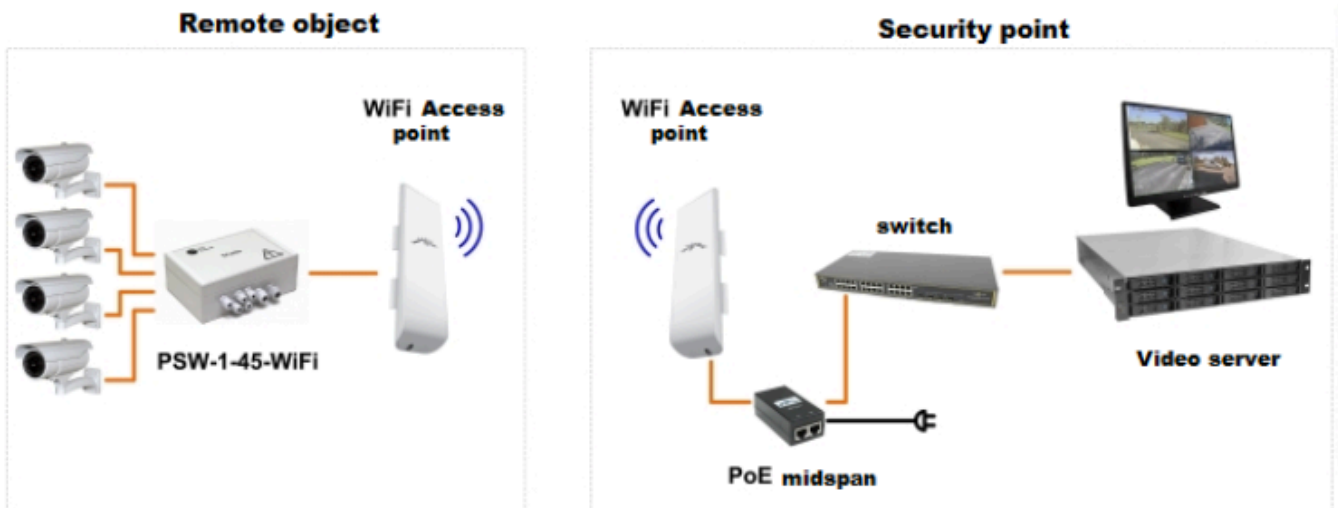


Figure. Networking WiFi surveillance using TFortis equipment.

You can read the article here: [Video surveillance at the remote facility over WiFi](#)