



TFortis PSW-2G4F Managed Gigabit Switch



TFortis PSW-2G4F – managed switch with the ability to switch to unmanaged mode using a jumper. Designed for use in outdoor IP surveillance networks. It has 4 ports 10/100Base-Tx PoE with RJ-45 connector, and 1 port 1000Base-X with SFP connector, and “copper” port RJ-45 with speed autonegotiation (10/100/1000Base-T). It is made in a hermetic casing IP66. Operation temperature is -55°C to + 65°C (-67°F to 149°F).*

4 ports with PoE provide quality power supply to IP cameras.

Gigabit SFP port allows you to transfer video stream from IP-cameras over long distances, with great speed, without delays. You can select optical port speed (1000M or 100M) with the jumper.

“Copper” Gigabit port with speed autonegotiation allows you to integrate the switch into any existing network including those, where gigabit speeds are not supported.

Automatic restart of IP cameras effectively deals with their hanging.

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

Power for camera and TFortis TH housing is supplied via one cable (“twisted pair”).

Technical specifications

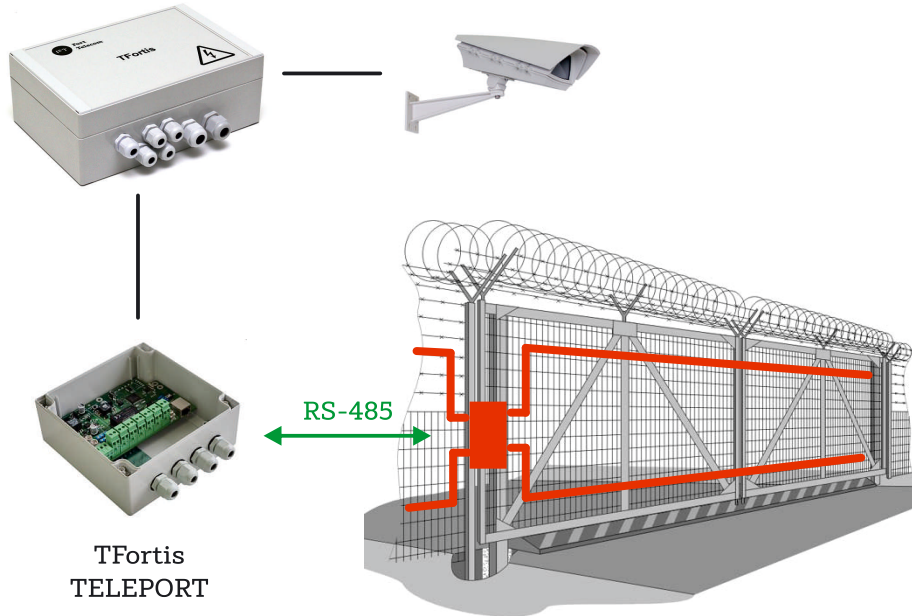
Ports	<ul style="list-style-type: none"> - 4 ports 10/100Base-Tx RJ-45 PoE - 2 port 100/1000Base-X SFP
PoE	<ul style="list-style-type: none"> - IEEE 802.3af according to Mode A and B up to 15 W per port* - support for Passive PoE according to Mode B - power budget for IP-cameras: 50 W
Protocols	<ul style="list-style-type: none"> - STP (802.1d)/RSTP(802.1w) - IGMP Snooping v2 - VLAN (802.1q) - Flow Control (802.3x) - Quality of Service (QoS, 802.1p)
Management	<ul style="list-style-type: none"> - Web-interface - Telnet
Monitoring	<ul style="list-style-type: none"> - SNMP v1, v3, Traps - Syslog - Cable tester - log
Supply voltage	- 220 VAC
Maximum power consumption	- 120 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)

10. Integration with perimeter security systems

Integration is conducted via:

- RS-485
- Digital I/O ports



Typical application

