



Operating Manual

TFortis CrossBox-1

Outdoor cabinet with optical distribution
frame for TFortis PSW switches

Version 2.0

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1. Purpose

TFortis CrossBox-1 cabinet is designed for building outdoor video surveillance systems. The cabinet contains an optical distribution frame and fasteners for TFortis PSW switches:

1. PSW-1
2. PSW-1-45
3. PSW-1-45-WIFI (PSW-LITE)
4. PSW-2G
5. PSW-2G4F
6. PSW-1G4F
7. PSW-11 (when used with an additional mounting panel).

2. Description

2.1. Cabinet



Figure 1. Appearance of the cabinet



Figure 2. Internal appearance of the cabinet

2.2. Optical distribution frame

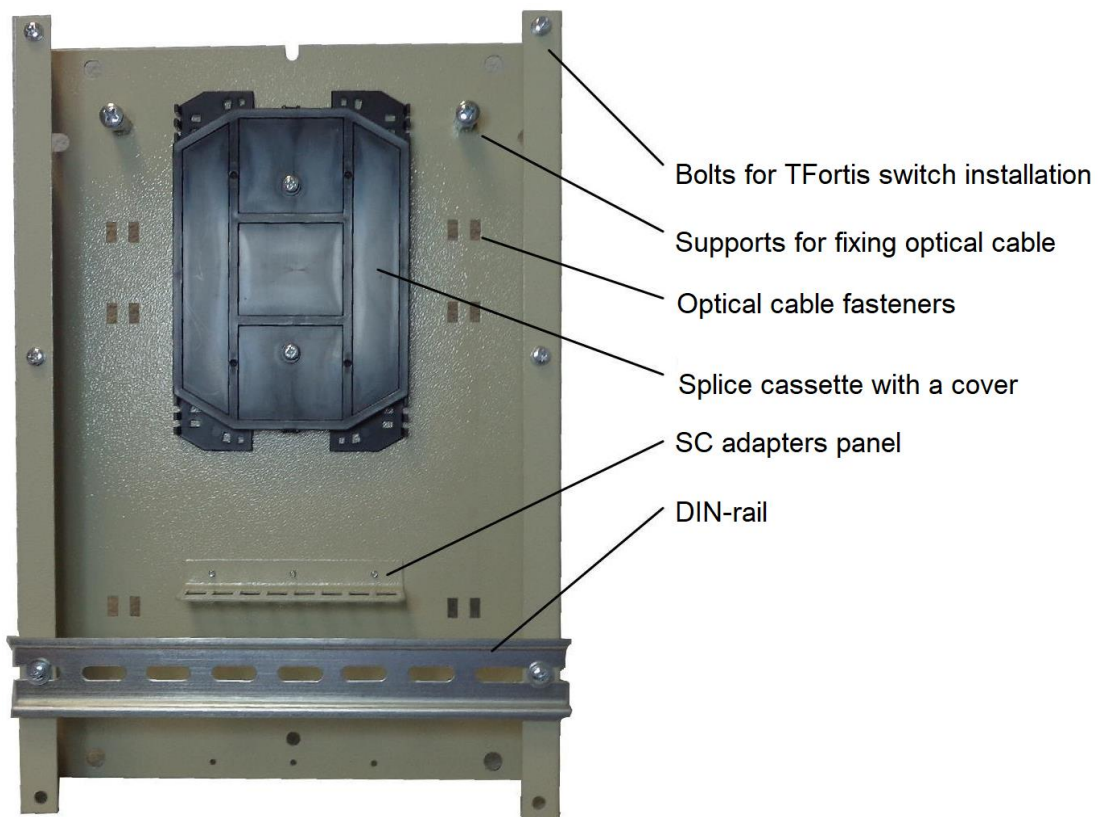


Figure 3. Optical distribution frame



Figure 4. Splice cassette

Note. Shrinkable plastic sleeves, optical adapters, pigtail and clamps are not included in the supply scope.

3. Mounting

3.1. Mounting on the pole

It is recommended to use TFortis bracket for pole mounting (to be ordered additionally). Drill holes and fix the bracket.

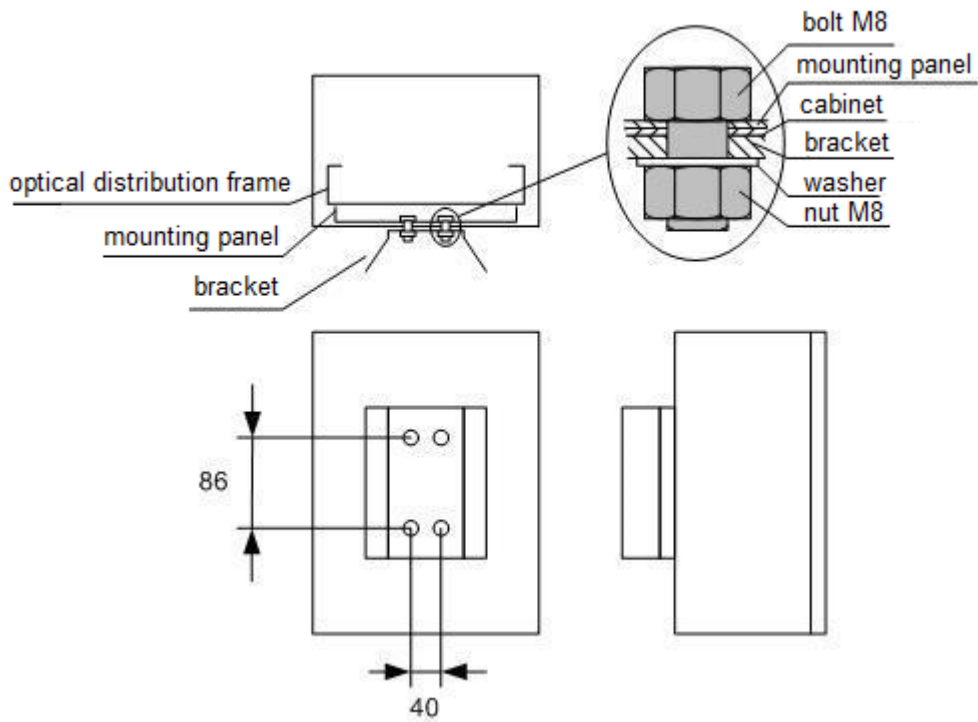


Figure 5. Bracket installation for mounting on the pole

3.2. Wall mounting

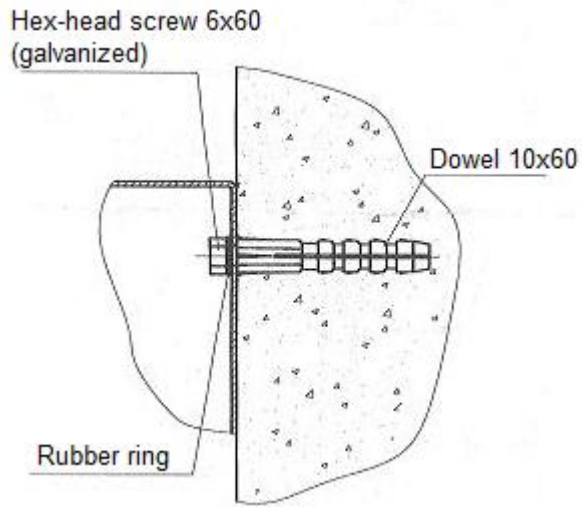


Figure 6. Mounting on the wall without hooks

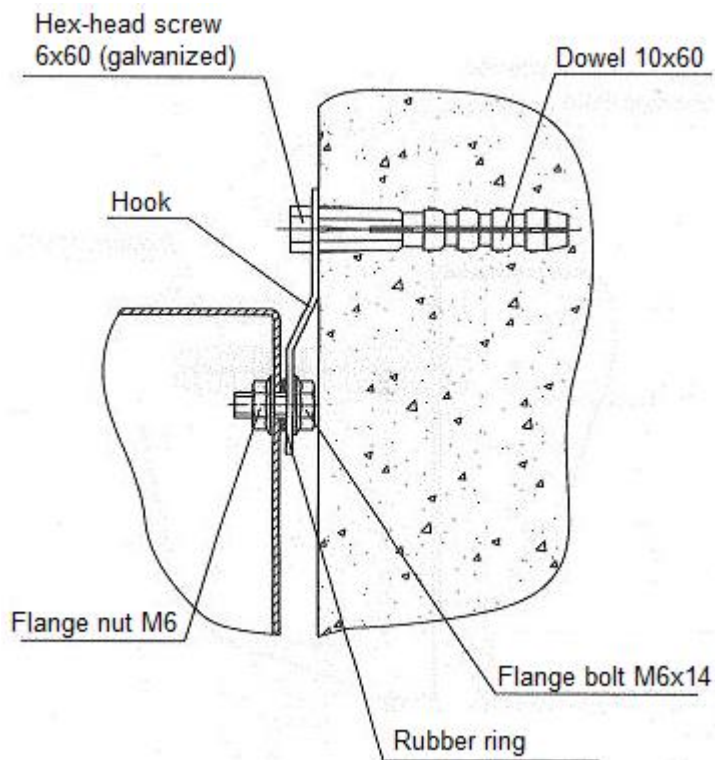


Figure 7. Mounting on the wall with hooks

4. Technical specifications

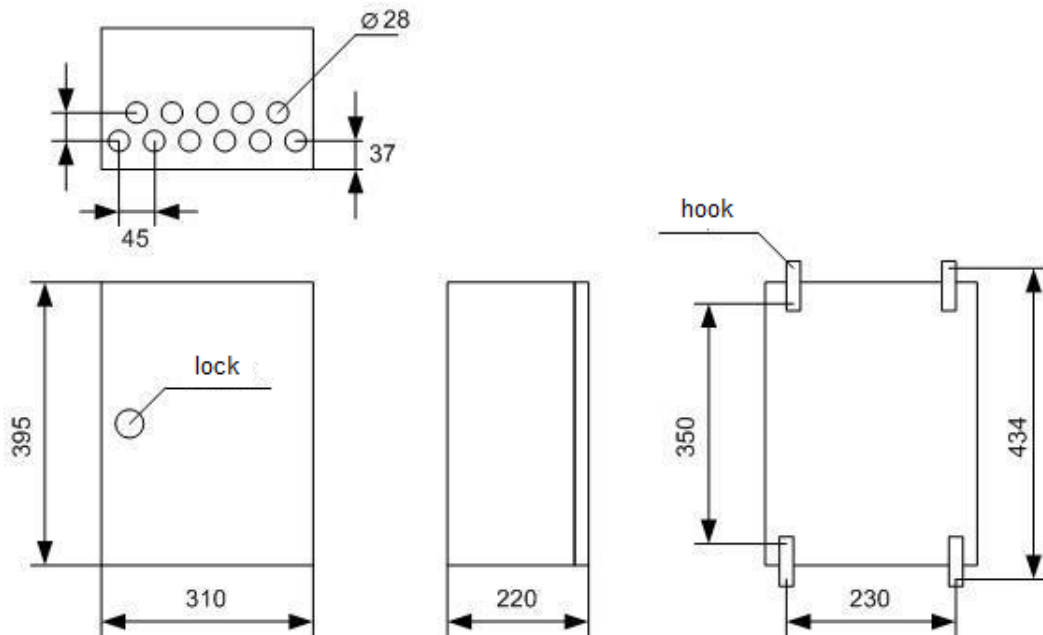


Figure 8. Drawing

Cabinet

- Type of mounting – hanging
- Metal thickness – 1.5 mm
- Type of coating – powder, shagreen
- Color – RAL 7032
- Protection rating IP 54
- Door opening angle – 105°
- Weight – 8 kg.

Optical distribution frame

- Splice cassette for 32 shrinkable plastic sleeves
- SC adapter panel – 8 pcs.

5. Operating conditions

TFortis CrossBox-1 cabinet does not require technical maintenance and is designed for 24/7 operation at the ambient temperature of -60 C to $+70\text{ C}$.

6. Scope of supply

Name and designation	Qty
ShMP-1-0 IP54 (YKM40-01-54) «IEK»	1
TFortis Cross optical distribution frame	1

7. Manufacturer warranty

The warranty period for the product is 12 months from the date of manufacture. Warranty shall not apply in the following cases:

- if there are internal or external mechanical damages (chipping, cracking, deformation, damaged power supply wires, cracking or splitting of the terminals), signs of treatment with aggressive chemicals or fluids, severe contamination, insects presence or signs of insects presence;
- in case of breaking the rules of installation and operation set forth in this document;
- if the cabinet was damaged as a result of force majeure, due to the actions of third parties or other reasons beyond manufacturer's control.

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