1 Turbine IP Video Stations

This document specifies the dimensions, mounting procedure, and camera FoV of the Turbine IP Video Stations. Zenitel takes no responsibility for damages caused by improper or inadequate mounting. The Turbine Video series comprises the following stations & accessories:

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1.1 TCIV Station Dimensions
2 On-Wall Surface Mounting

2.1 On-Wall Surface Mount Back Box - TA-1

Mounting holes are to be drilled as shown.

- Max. recommended screw diameter: ISO M6 or ANSI 1/4”.
- Screw length must be greater than 25 mm or 1”.
- A4 stainless steel socket head screws/bolts are recommended.
- Max. recommended screw head diameter: 9.5 mm or 3/8”.

Optional washers for extra protection against corrosive effects between surfaces are provided. They should be placed at the bottom of the 4 mounting holes. Grommets and an M20 cable gland are provided.

The Gasket MUST be mounted to seal the station!

Ensure the station is mounted vertically with the microphone aperture facing down.

Ensure there is enough clearance under the station so that the microphone aperture is NOT smothered.

Place the washers at the bottom of the 4 mounting holes on the back box.

Use the grommets and M20 cable gland provided for the cable holes on the back box.

1. Mount the back box onto the wall
2. Fit the gasket onto the back box with the ridged side facing down
   - Plug the Ethernet cable into the RJ-45 port on the station
3. Mount the station onto the back box with the M5 fasteners provided applying 1.5 Nm torque

1 IP-65 rating is only valid when TA-1 Back Box is used.
3 Flush Mounting

3.1 Flush Mount 2-Gang Double-Depth Back Box - TA-2

- It is recommended to utilize back boxes with weep holes at the bottom.

3.2 Flush Mount Bracket - TA-5

- The TA-5 Bracket is mandatory for flush mounting.
3.3 Flush Mounting Procedure

The Gasket MUST be mounted to seal the station!

Ensure the station is mounted vertically with the microphone aperture facing down.

Ensure there is enough clearance under the station so that the microphone aperture is NOT smothered.

Apply silicone sealant all around the aluminum frame of the station, making sure to leave the microphone aperture open.

1. Mount the 2-gang back box into the wall
2. Mount the bracket onto the back box
3. Fit the gasket onto the bracket with the ridged side facing down
   - Plug the Ethernet cable into the RJ-45 port on the station
4. Mount the station onto the bracket with the M5 fasteners provided

Camera Field of View

Vertical Angle

Horizontal Angle