

# TCIV+ IP Video Station

# **Mounting Manual**

## 1 TCIV+ IP Video Stations

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

Item Number	Type	Item Description
1008315020	TCIV-2+	Turbine Compact IP Video - stainless steel front plate
1008315030	TCIV-3+	Turbine Compact IP Video - thermoplastic front plate
1008315050	TCIV-5+	Turbine Compact IP Video - thermoplastic front plate with PMOLED display
1008315060	TCIV-6+	Turbine Compact IP Video - thermoplastic front plate with PMOLED display
1008140010	TA-1	Turbine On-Wall Back Box
1008140020	TA-2	Flush Mount 2-Gang Double-Depth Back Box
1008140050	TA-5	Bracket for Flush Mount 2-Gang Back Box







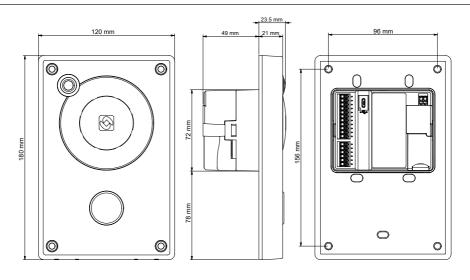


TCIV-2+

TCIV-5+

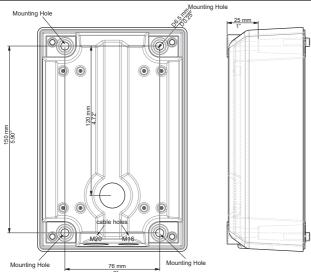
TCIV-6+

#### 1.1 TCIV+ Station Dimensions



## 2 On-Wall Surface Mounting

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



# (i) IP-66 rating is only valid when TA-1 Back Box is used

Mounting holes are to be drilled as shown.

Max. recommended screw diameter: ISO M6 or ANSI 1/4". Screw length must be greater

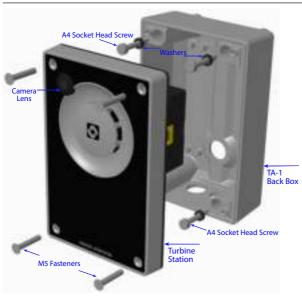
than 25 mm or 1".

A4 stainless steel socket head screws/bolts are recommended. Max. recommended screw head diameter: 9.5 mm or 3/8".

#### Included:

- 4x M5 Fasterners
- 2x Grommets
- 1x M20 Cable Gland
- 4x Washers for extra protection against corrosive effects between surfaces to be placed at bottom of the 4 mounting holes.

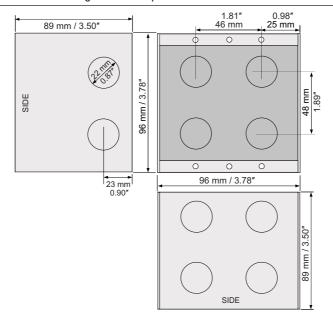
# 2.2 On-Wall Surface Mounting Procedure



- Ensure the station is mounted vertically with the microphone aperture at the bottom facing down.
- Ensure there is enough clearance under the station so that the microphone aperture is NOT smothered.
- ① Place the washers at the bottom of the 4 mounting holes on the back box.
- ① Use the grommets and M20 cable gland provided for the cable holes on the back box.
- 1. Mount the TA-1 back box onto the wall using A4 socket head screws.
- 2. Plug the Ethernet cable into the RJ45 port on the station.
- Mount the station onto the back box with the M5 fasteners provided, applying 1.5 Nm torque.

# 3 Flush Mounting

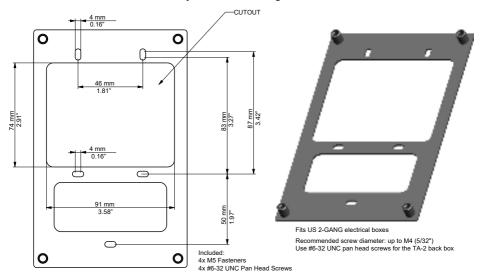
# 3.1 Flush Mount 2-Gang Double-Depth Back Box - TA-2



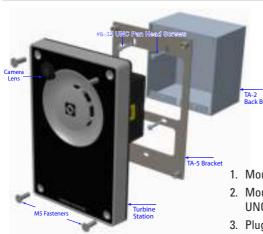
① It is recommended to utilize back boxes with weep holes at the bottom.

### 3.2 Flush Mount Bracket - TA-5

### ① The TA-5 Bracket is mandatory for flush mounting.



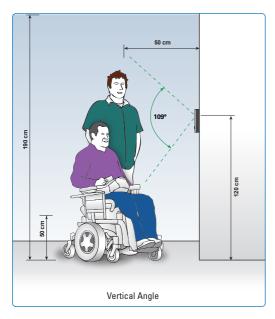
### 3.3 Flush Mounting Procedure



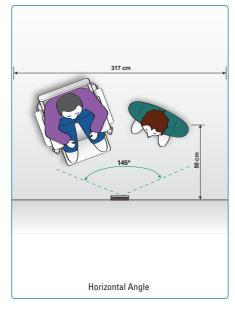
- ① Ensure the station is mounted vertically with the microphone aperture at the bottom facing down.
- ① Ensure there is enough clearance under the station so that the microphone aperture is NOT smothered.
- ① Apply silicone sealant all around the aluminum frame of the station, making sure to leave the microphone aperture open.
- 1. Mount the TA-2 back box into the wall.
- 2. Mount the TA-5 bracket onto the back box with #6-32 UNC pan head screws.
- Plug the Ethernet cable into the RJ45 port on the station.
- 4. Mount the station onto the bracket with the M5 fasteners provided, applying 1.5 Nm torque.

### 4 Camera Field of View

Field of View: Vertical Angle = 109° / Horizontal Angle = 145°



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