

# VINGTOR STENTOFON

## TCIV Turbine IP Video Station Mounting Manual

### 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:

ITEM NUMBER	TYPE	ITEM DESCRIPTION
1008115020	TCIV-2	Turbine Compact IP Video - stainless steel front plate
1008115030	TCIV-3	Turbine Compact IP Video - thermoplastic front plate
1008115050	TCIV-5	Turbine Compact IP Video - thermoplastic front plate with PMOLED display
1008115060	TCIV-6	Turbine Compact IP Video - thermoplastic front plate with PMOLED display
1008140010	TA-1	Turbine On-Wall Back Box
1008140020	TA-2	Turbine Flush Mount 2-Gang Double-Depth Back Box
1008140050	TA-5	Turbine Bracket for Flush Mount Back Box



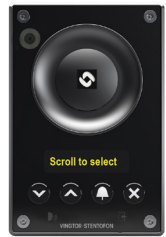
TCIV-2



TCIV-3

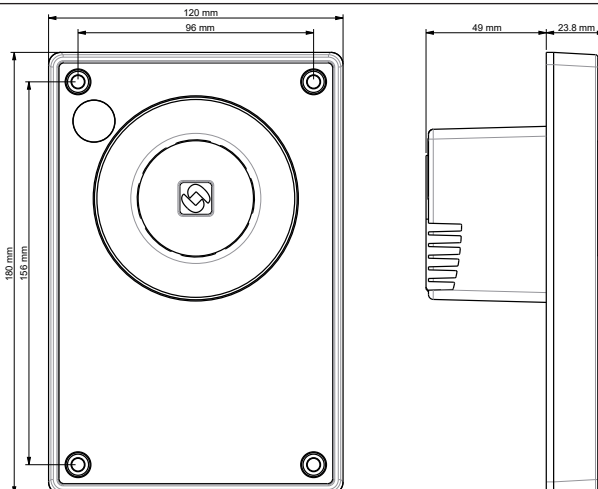


TCIV-5



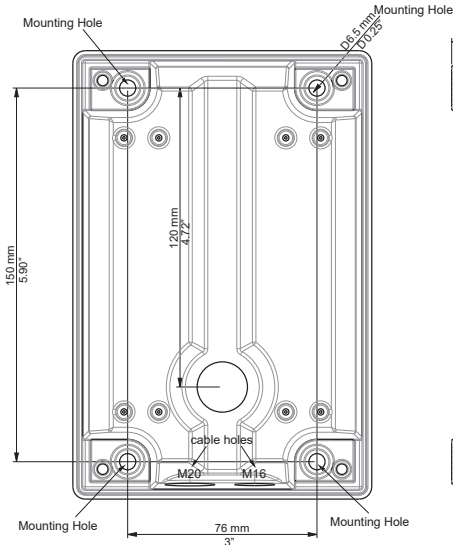
TCIV-6

#### 1.1 TCIV Station Dimensions



## 2 On-Wall Surface Mounting

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



① **IP-65 rating is only valid when TA-1 Back Box is used**

Mounting holes are to be drilled as shown.

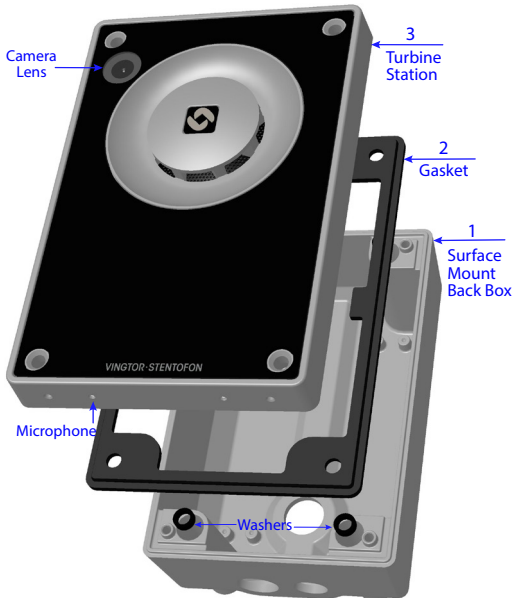
Max. recommended screw diameter: ISO M6 or ANSI 1/4".  
Screw length must be greater than 25 mm or 1".

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

Included:

4x M5 Fasteners  
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

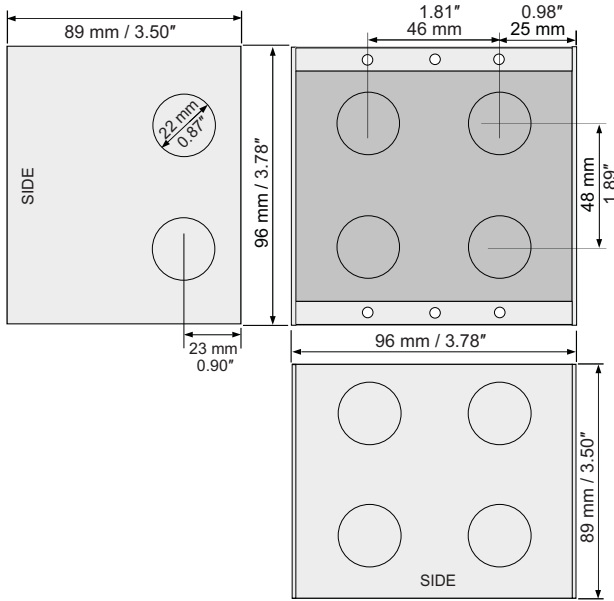


- ① **The Gasket MUST be mounted to seal the station!**
- ① **Ensure the station is mounted vertically with the microphone aperture facing down.**
- ① **Ensure there is enough clearance under the station so that the microphone aperture is NOT smothered.**
- ① **Place the washers at the bottom of the 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 back box onto the wall using A4 socket head screws
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

### 3 Flush Mounting

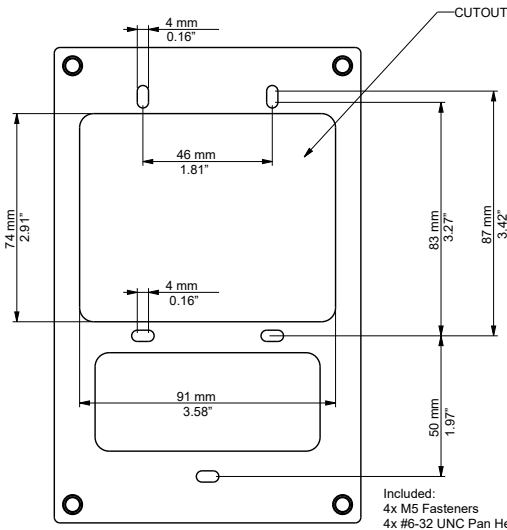
#### 3.1 Flush Mount 2-Gang Double-Depth Back Box - TA-2



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.**



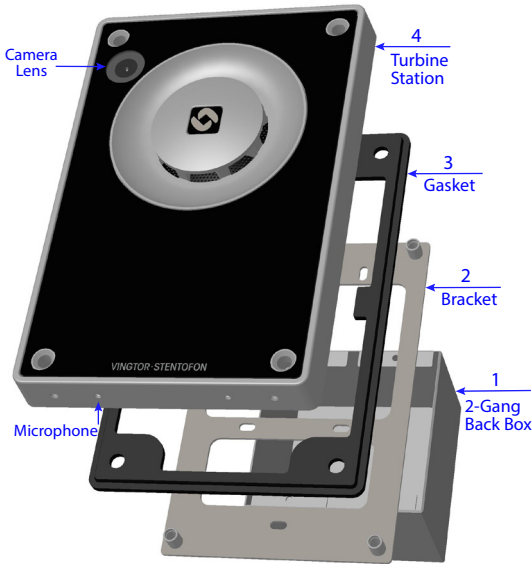
Fits US 2-GANG electrical boxes

Recommended screw diameter: up to M4 (5/32")

Use #6-32 UNC pan head screws for the TA-2 back box

### 3.3 Flush Mounting Procedure

① **The Gasket MUST be mounted to seal the station!**



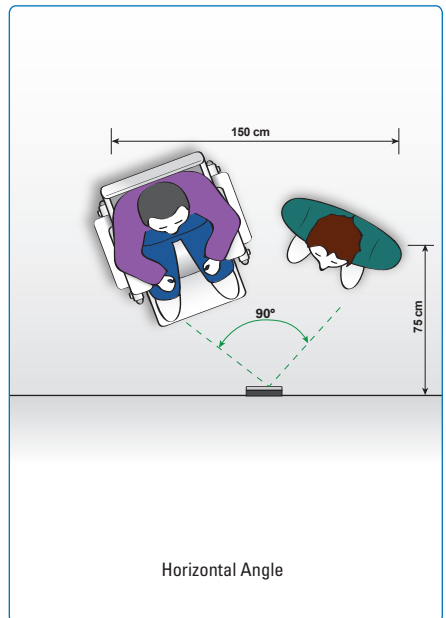
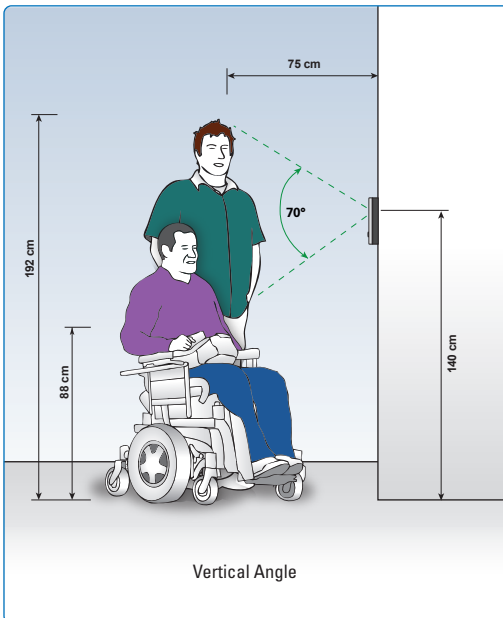
① **Ensure the station is mounted vertically with the microphone aperture facing down.**

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 2-gang back box into the wall
2. Mount the bracket onto the back box with #6-32 UNC pan head screws
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

## 4 Camera Field of View



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