TMIS-x Turbine Mini IP Intercom
Mounting Manual

1   Turbine Mini Intercom

This document describes the mounting procedures and connections of the TMIS-X Turbine Mini intercoms.
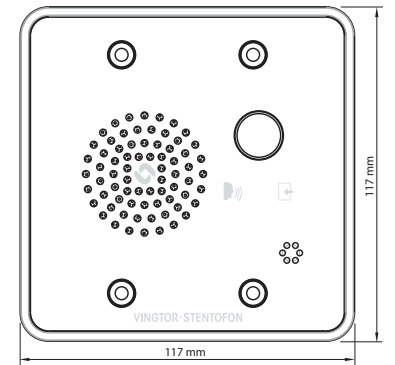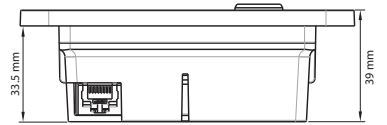
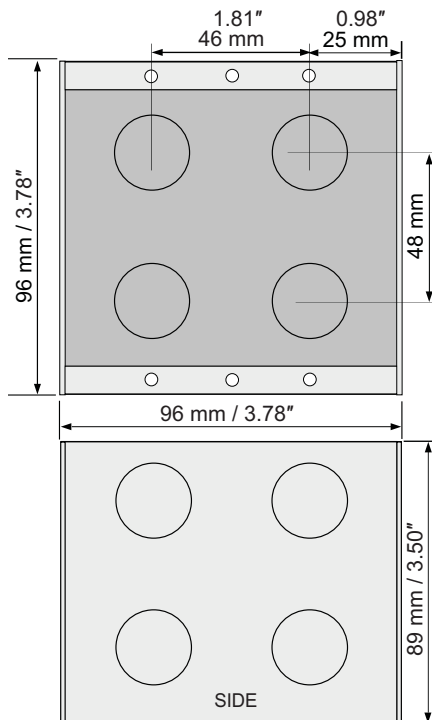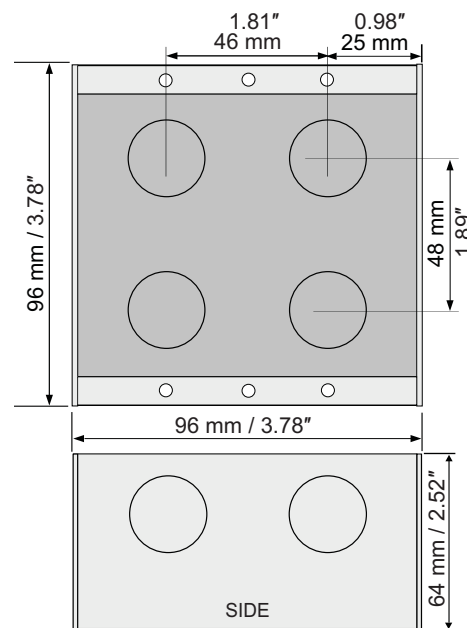| Item Number	Type	Item Name
1008116010	TMIS-1	Turbine Mini IP Intercom
1008116040	TMIS-4	Turbine Mini IP Intercom, 2 Buttons
1008140020	TA-2	Turbine Flush Mount 2-Gang Double-Depth Back Box
1008140030	TA-3	Turbine Flush Mount 2-Gang Back Box

TMIS-1

TMIS-4
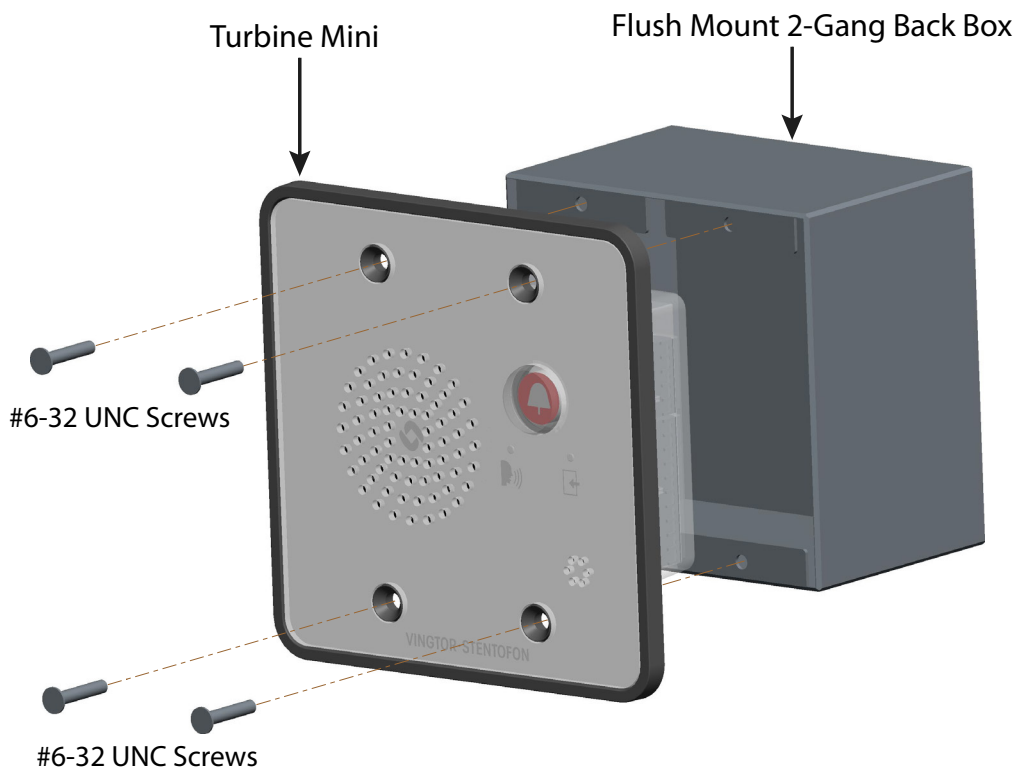

2   Flush Mount 2-Gang Back Boxes - TA-2 & TA-3

TA-2

TA-3

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

3   Flush Mounting Procedure

Turbine Mini
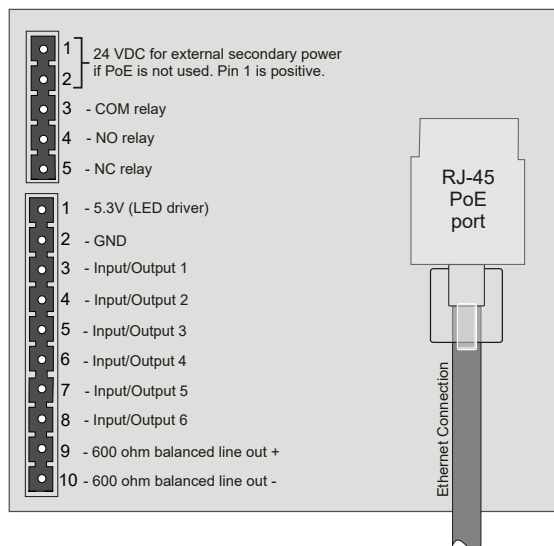
Flush Mount 2-Gang Back Box

#6-32 UNC Screws

#6-32 UNC Screws

VINGTOR-STENTOFON

1. Mount the 2-gang back box into the wall
2. Fasten the Turbine Mini intercom to the back box with four #6-32 UNC countersunk-head screws

4   Connections

The TMIS-X Turbine Mini IP intercom has a RJ-45 PoE/LAN port, and 6-pin & 10-pin external connectors.

1	24 VDC for external secondary power
2	if PoE is not used. Pin 1 is positive.
3	- COM relay
4	- NO relay
5	- NC relay

1	- 5.3V (LED driver)
2	- GND
3	- Input/Output 1
4	- Input/Output 2
5	- Input/Output 3
6	- Input/Output 4
7	- Input/Output 5
8	- Input/Output 6
9	- 600 ohm balanced line out +
10	- 600 ohm balanced line out -

RJ-45
PoE
port

Ethernet Connection

Ethernet / Power	10/100 Mbps Ethernet RJ-45 port for LAN (uplink) connection. Supports PoE (802.3af). Draws power from either spare line or signal line.
Secondary Power	24 VDC (16 – 48 V) secondary power is provided from an external adapter.
Relays	There is one Double Throw relay contact with 60W switching power. COM, NO, NC contacts are provided. Max: 250VAC/220VDC, 2A, 60W.
Input/Output	6 I/Os are available. Each I/O can be configured as either input, output, or LED driver.
Audio Line Out	A balanced 600 ohm audio line out

ⓘ Use cables crimped with ferrules for terminal block connectors

- When the Turbine Mini intercom is connected to the network, its IP address is automatically obtained from a DHCP server or an IP address in the range 169.254.x.x will be assigned.
- To make the intercom speak its IP address, press the call button on the station.