Quick Reference Guide

Illustra Pro PTZ Breakout Box

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Illustra Pro PTZ Breakout Box

To the Installer

This guide assumes that the Illustra Pro PTZ Outdoor Housing has been installed and that the required cables have been pulled to the site.

What's in the box

Standard Items

- Illustra Pro PTZ Breakout Box Assembly
- Quick Reference Guide
- Audio Cable
- Alarm Cable

Tools Required

- 2.5mm (0.1in) slotted screwdriver

Cautions

Outside elements: To keep outside elements from entering the box, always mount it vertically with cables exiting downwards.

Wire routing: Ensure wires from the secondary and primary sides of the transformer do not cross paths within the box.

Enclosure access: The box meets the IP66 and NEMA 4 standards for weatherproofing when installed correctly. To maintain this rating, do not drill into the enclosure. For outdoor installations, use outdoor rated conduit to maintain the IP66 NEMA 4 rating.

Mounting the Breakout Box

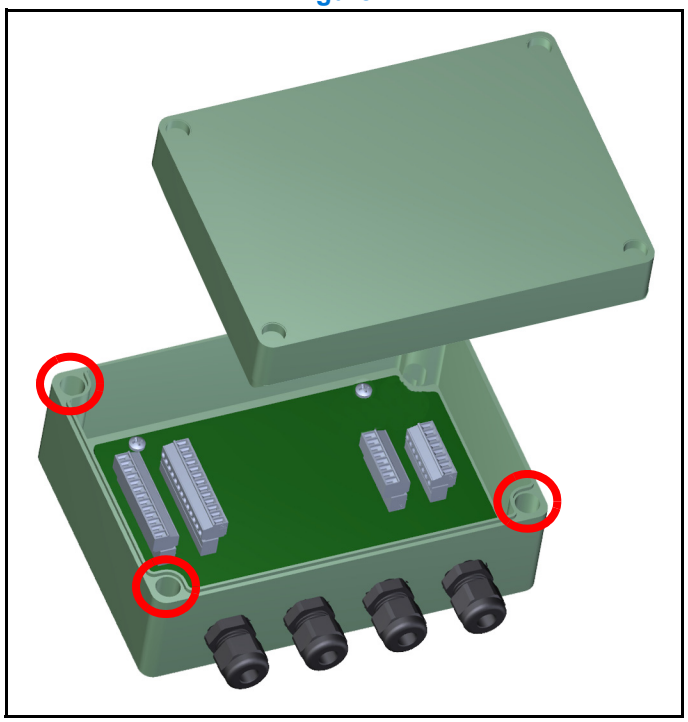
The breakout box can be mounted either indoors or outdoors to any suitable vertical flat surface.

Step	Action

1 Remove the cover from the box.

2 Using the breakout box as a template, mark locations for the four mounting screws. As seen in the Figure 1.

Figure 1



3 Drill holes. If in concrete, insert anchors.

4 Place the breakout box in it's mounting position. Then insert a 25mm (1 inch) #8 mounting screw (not supplied) into each hold in the four corners of the breakout box and tighten to secure.

- End -

Wiring the Breakout Box

This guide assumes that cables have been pulled to the site.

Step	Action

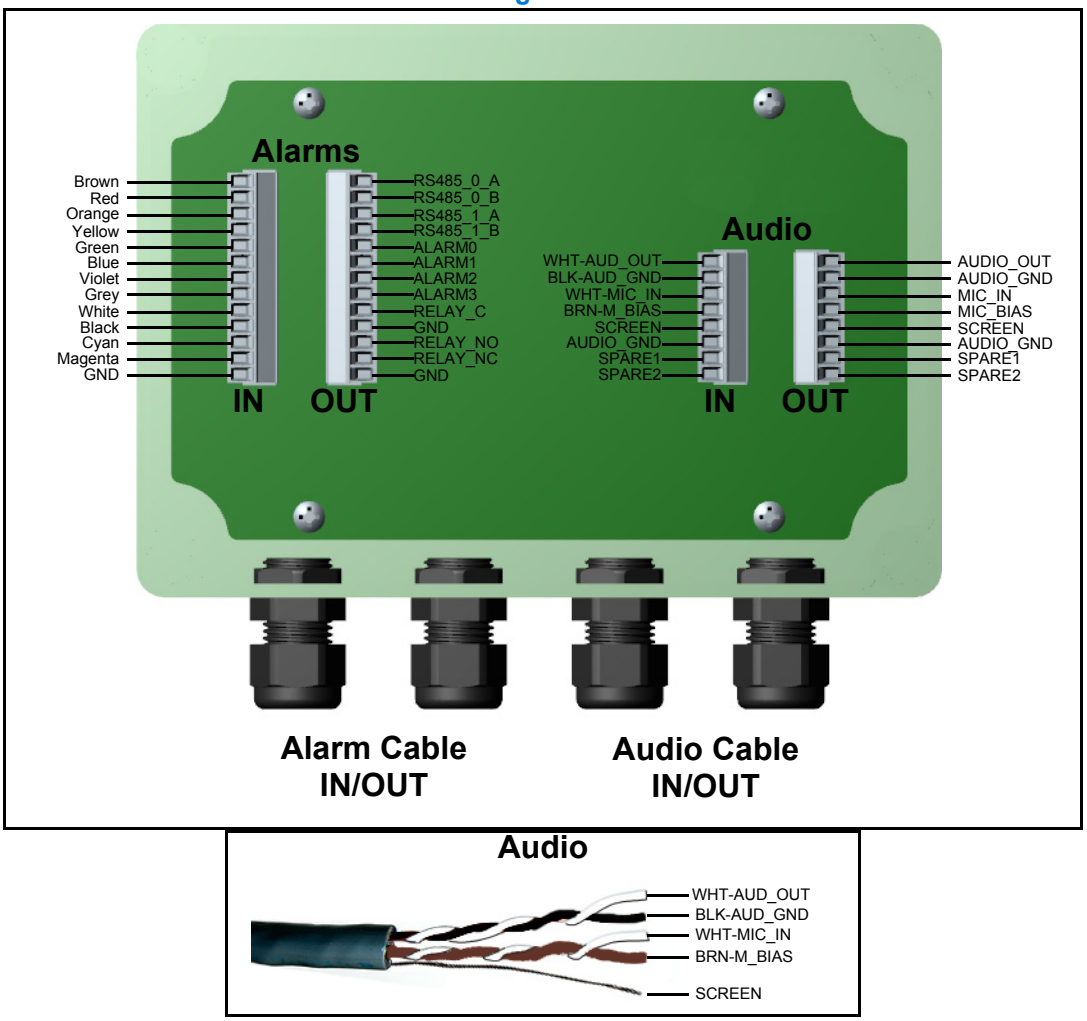
1 For outdoor installations, remove the four watertight cord grip fittings and replace with appropriately rated 20mm conduit needed for outdoor use. Fit seals/glands in accordance with conduit manufacturer's instructions.

2 Feed the alarm and audio cables through the conduit and connectors.

3 Terminate the alarm and audio wires using the provided connectors.

The pin out details are printed on the circuit board in the breakout box and are detailed in Figure 2.

Figure 2



4 Replace the cover on the breakout box and secure with the provided screws.

- End -

Specifications

Mechanical

Environment ..... Indoor / Outdoor

Wall mounting options ..... Concrete, wood, sheet rock

Dimensions (H x W x D) .... 175 x 125 x75mm (6.9 x 4.9 x 3 inches)

Mounting area (H x W) ..... 281 x 200mm (11.1 x 7.9 inches)

Weight ..... 1.9kg (4.2 lbs)

Enclosure material..... Impact resistant polycarbonate, non-metallic

Flammability rating ..... UL 94-5V

Color ..... Light gray

Cover fasteners ..... 4 captive screws

Cable access ..... 4 liquid tight Cordgrip fittings 9mm diameter (0.354 inches)

Environmental

Enclosure rating..... NEMA 4 / IP66

Operating temperature: ..... –30°C to 50°C (–22°F to 122°F)

Storage temperature:..... –40°C to 50°C (–40°F to 122°F)

Relative Humidity:..... 0 to 95% non-condensing

Evaluated for altitudes less than 3200m (10500ft)