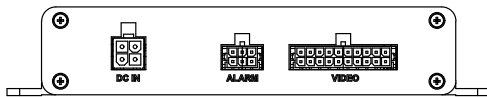
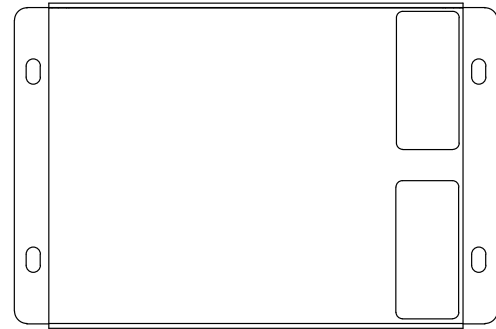
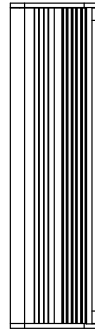
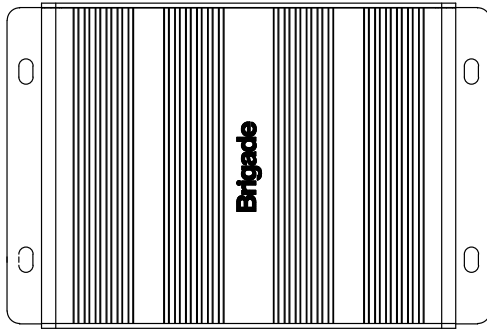


AI Box Product Specification

Brigade

Model Number:
VBV-1230-AI (8385)



Package Contents

1 x VBV-1230-AI (8385) - AI Box

Below included in box:

1 x VBV-1230-AI-ECU (S8386) - ECU

1 x VBV-1230-AI-PH (S8387) - Power Harness

1 x VBV-1230-AI-VH (S8388) - Video Harness

1 x VBV-1230-AI-IO (S8389) - Alarm Input and Output
Cable Harness

1 x VBV-1230-AI-IG (8390) - Quick-Start Card

Key Features

- AI Detection of VRUs - Human Form Recognition (HFR) of Vulnerable Road Users (VRU)
- Audible and visual alerts warn drivers instantly of people in the detection area
- Works with infrared camera technology for enhanced visibility in low light
- Works with Existing Cameras - No need for expensive camera replacements or upgrades
- Uses existing cabling. Quick install with little disruption to operations
- Set custom VRU/HFR detection areas, or use out-of-the-box defaults
- Configuration access requires AC575 (8443)

Technical Specifications

- Operating Voltage: DC 10V-32V
- Current Consumption: 18W @12V

TV Systems:

- 25fps/30fps configurable in WebUI
- Picture Elements: 1280 X 720P
- PAL/NTSC/720P/1080P

Triggers:

- 2 Channel trigger input
- 2 Channel trigger output
- Diode protected relay required, to control external devices

Video Output:

- Approx 1.0 Vp-p / 75Ω

Length of Cable:

- VBV-1230-AI-IO = 300mm
- VBV-1230-AI-PH = 1000mm
- VBV-1230-AI-VH = 300mm

Overall Dimensions:

- 28(H) x 104(W) x 154(L) mm

Housing Material:

- Metal

Finish:

- Brigade Grey

Assembled Weight:

- 1000g

Environmental Specifications

- Operating Temperature: -20° to +70°C
- Storage Temperature: -40° to +85°C
- Vibration Resistance: 5.9G

Approved Standards

- CE - EN IEC 61000-6-2:2019 / EN IEC 61000-6-3:2021
- FCC - FCC Part 15B, Class B
- ICES - ICES-003, Class B
- REACH
- WEEE

Important Characteristics

When used with CVBS and AHD 720p camera systems the field of view may be reduced by up to 5 degrees (2.5 degrees each side of centre) for CVBS and up to 3 degrees (1.5 degrees each side of centre) for AHD 720P. AHD 1080p systems are not affected.

Optional Extras

- Trigger out diode 24V
Model Number: UDS-RELAY-24
Part Number: 4215
- Trigger out diode 12V
Model Number: UDS-RELAY-12
Part Number: 4216

- WiFi Dongle
Model Number: AC575
Part Number: 8443
- Adaptor for Backeye®360-300
Model Number: AC-H305
Part Number: 6648

- Adaptor for Backeye®360-200
Model Number: AC-305
Part Number: 4903
- Elite camera to Select cable Adaptor
Model Number: AC-014
Part Number: 2094

- Elite camera to Select cable Adaptor (5m)
Model Number: AC-014(5m)
Part Number: 5049