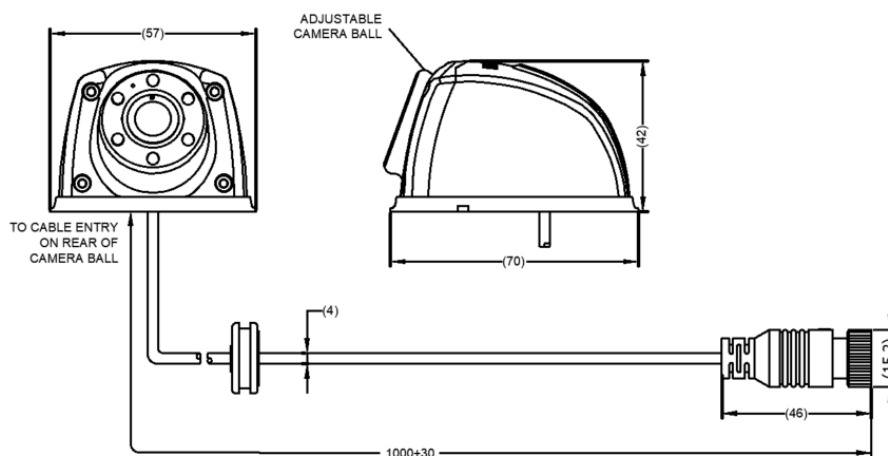


Product Specification



Brigade Model Number: VBV-3100C | VBV-3101C | VBV-3120C | VBV-3121C
Part Number: 7143 7144 7145 7146



Dimensions: mm

Environmental Specifications:

- Shock Rating: 51G (All 3 Axis - 6 directions)
- Vibration Rating: 8.5G (All 3 Axis - 32hrs each)
- Camera IP Rating: IP69K
- Connector IP Rating: IP67
- Operating Temperature: -30° to +70°C
- Storage Temperature: -40° to +85°C

Approved Standards:

- E-Mark - (UNECE Regulation 10 Rev 06)
- CE - (Electromagnetic Compatibility Directive 2014/30/EU, RoHS)
- UKCA - (Electromagnetic Compatibility Regulations SI 2016/1091, RoHS)
- FCC - (47 CFR Part 15 Subpart B)
- Industry Canada - (ICES-003: Issue 7, 2020)
- Ingress Protection - (ISO 20653:2006)
- Elements of ISO 16750
- REACH
- WEEE

Technical Specifications:

- Operating Voltage: 12Vdc $\pm$ 2Vdc
- Current Consumption: $\leq$ 112 mA @ 14Vdc
- Power Consumption: $\leq$ 1.6 Watts @ 14Vdc
- TV System:
 - VBV-3100C / VBV-3120C: AHD 2.0 (1080p-25 fps)
 - VBV-3101C / VBV-3121C: AHD 2.0 (1080p-30 fps)
- Visual Resolution: 900 TV Lines
- Picture elements: 1920(H) x 1080(V)
- Lens Focal Length: 2.3mm
- Required Illumination: 0 Lux (IR LED ON)
- Illumination Area: Approx. 4m (L) x 3m (W)
- Ball rotation: $\pm$ 180°
- Ball adjustment: Up 26°; Down 4°; Left / Right 4°

Technical Specifications Continued...

- Viewing Angle: 130° (H), 70° (V), 151° (D)
- Assembled Weight: 160 grams
- Video Output: Approx. 1 Vp-p / 75 Ω
- Length of Cable: 1000 $\pm$ 30mm
- Overall Dimensions: 57mm (W) x 70mm (D) x 42mm (H)
- Housing Material: Aluminium Alloy
- Camera View:
 - VBV-3100C / VBV-3101C: Fixed - Mirror
 - VBV-3120C / VBV-3121C: Fixed - Normal
- Finish: Black

Features:

- High-definition 1080p AHD 2.0 picture quality
- Fully adjustable ball position
- Night Vision via 5 x High Power Infrared LEDs enabled by integrated Day / Night sensor
- Integrated Microphone
- High Quality CMOS & ISP
- Back Light Compensation
- Automatic White Balance
- Wide Dynamic Range
- Fixed IRIS
- VBV Type Female Connector
- Ball adjustment allows mounting on any flat surface

Package Contents:

- 1 x VBV-31XXC-C - Camera Ball Only
- 1 x VBV-3XXC-RH - Rear Housing
- 1 x VBV-3XXC-FH - Front Housing
- 1 x VBV-3XXC-RM - Rubber Mat
- 1 x VBV-3XXC-FIX - Fixing Pack
- 1 x VBV-31XXC-IG - Installation Guide