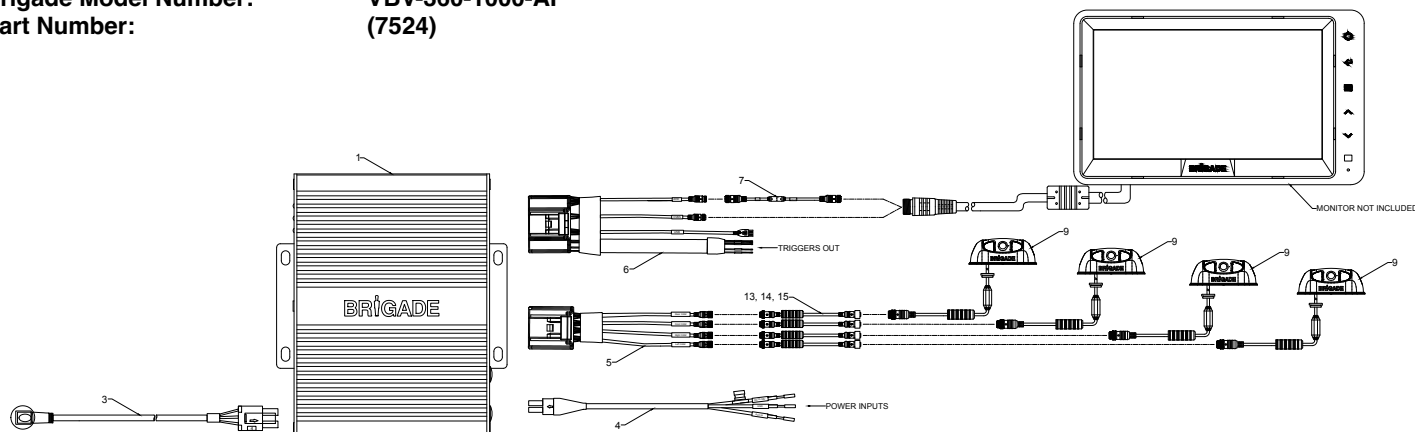


Product Specification



Brigade Model Number: VBV-360-1000-AI
Part Number: (7524)



VBV-360-1000-AI (7524) CONTAINS:			
No.	Model No.	Description	Qty
1	VBV-360-1000-ECU-AI	Backeye@360 VBV-360-1000-ECU	1
2	2mm Allen Key	2mm Allen Key	1 (NOT SHOWN)
3	VBV-360-1000-IR	Backeye@360 IR receiver	1
4	VBV-360-1000-ECU-PH	Backeye@360 Power Harness	1
5	VBV-360-1000-ECU-VI	Backeye@360 Video Input Harness	1
6	VBV-360-1000-ECU-VO	Backeye@360 VBV-360-1000-Video Output Harness	1
7	VBV-360-1000-ECU-VOC	Backeye@360 VBV-360-1000-Video Output Cable	1
8	VBV-360-AI-RC	Backeye@360 VBV-360-1000-AI, Remote control	1 (NOT SHOWN)
9	VBV-2240C-AI-D04-C	Backeye@360 VBV-360-1000-AI, AI-FHD Camera	4
10	VBV-222XC-AI-DVS-RM	Rubber mounting mat for VBV-2220C-AI-DVS & VBV-2240C-AI-D04	1 (NOT SHOWN)
11	ST4.2*25 screw	2x ST4.2*25 screw	1 (NOT SHOWN)
12	2.5mm Allen Key	2.5mm Allen Key	1 (NOT SHOWN)
13	VBV-AI820	20 Metre 8 pin to 8 pin extension cable	1
13	VBV-AI810	10 Metre 8 pin to 8 pin extension cable	2
13	VBV-AI805	5 Metre 8 pin to 8 pin extension cable	1

Environmental Specifications:

- Vibration Rating: 2.8g (Vertical Ax-is - 32hrs)
- Camera + Connector IP Rating: IP69K and Connector IP66
- ECU IP Rating: Not rated
- Operating Temperature: -30° to +70°C
- Storage Temperature: -40° to +85°C
- Operating Humidity: 65% @ 25°C

Approved Standards:

- E-Mark - (UNECE Reg. 10 Rev. 06)
- CE - (EN 50498:2010)
- FCC - (47 CFR Part 15 Subpart B, Class A)
- ICES - Industry Canada (003:2016, Issue 6, Class A)
- Ingress Protection - (ISO 20653:2013)
- RoHS

Technical Specifications:

- Operating Voltage: +10/32V D.C.
- Current Consumption: ≤ 2.2A @12V
- Power Consumption: ≤ 26W @12V
- TV System: AHD (30 fps)
- CVBS (25 fps/30 fps)
- Output Resolution: AHD - 1920 x 1080
- CVBS - 720 x 480
- Camera Resolution: 1920 x 1080
- Camera Viewing Angle: 190°(H) x 130°(V) 4
- Number of Video Inputs: 2
- Number of Video Outputs: 4
- Number of Trigger Inputs: 0.1 Lux
- Required Illumination: 1.0 Vp-p / 75Ω
- Video Output: 140 x 122.1 x 40mm
- ECU Overall Dimensions: 139.75 x 63.2 x 53.5mm
- Camera Overall Dimensions: ECU 1.3kg,
- System Assembled Weight: Camera 0.57kg
- Cable Thickness:
- Power Cable: 20 AWG
- Trigger Cable: 26 AWG

Technical Specifications Continued:

- Length of Cable:
- Camera: 400mm
- ECU Power: 1000mm
- ECU Triggers: 1000mm
- ECU Video Output: 300mm
- ECU and Camera Housing Material: Cast Aluminium Alloy
- Cast Aluminium Alloy ECU Colour: Black
- Camera Housing Colour: Black

Features:

- Choice of two video quality output formats:
- High definition in AHD
- Standard - definition in CVBS (PAL/NTSC)
- 360° visibility using ultra wide viewing angle cameras
- Customisable 360° views: 2D/3D Display Mode, Front and rear crossing traffic views, Customisable vehicle position in 360° view

Kit Contents:

- 1x Backeye@360 ECU - VBV-360-1000-ECU
- 4x Backeye@360 Camera - VBV-2240C-AI-D04-C
- 1x Backeye@360 IR receiver - VBV-360-1000-IR
- 1x Backeye@360 Power Harness - VBV-360-1000-ECU-PH
- 1x Backeye@360 Video Input Harness - VBV-360-1000-ECU-VI
- 1x Backeye@360 Video Output Harness - VBV-360-1000-ECU-VO
- 1x Backeye@360 Video Output Cable - VBV-360-1000-ECU-VOC
- 1x Backeye@360 Remote control - VBV-360-AI-RC
- 1x 5M 8 pin to 8 pin extension cable - VBV-AI805
- 2x 10M 8 pin to 8 pin extension cable - VBV-AI810
- 1x 20M 8 pin to 8 pin extension cable - VBV-AI820
- Monitor optional extra (Not included)