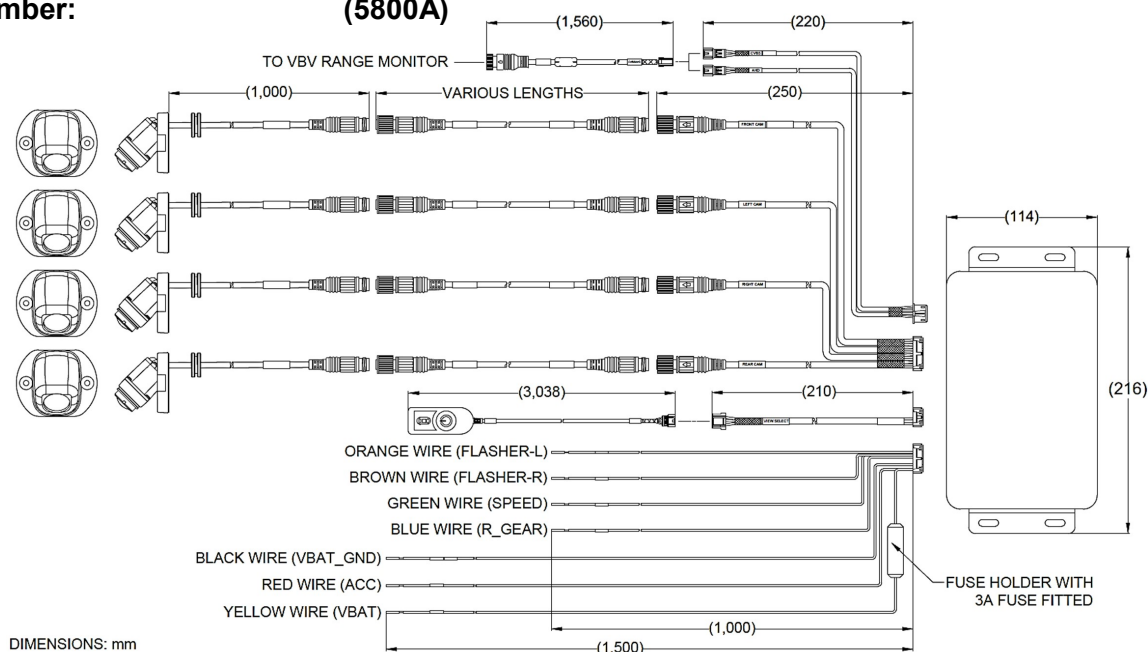


Product Specification



Brigade Model Number: **BN360-300**
Part Number: **(5800A)**



Environmental Specifications:

- Shock Rating: 51G (All 3 Axis - 6 directions)
- Vibration Rating: 8.5G (All 3 Axis - 32hrs each)
- Camera + Connector IP Rating: IP69K and IP68
- ECU IP Rating: IP30
- Operating Temperature: -30° to +75°C
- Storage Temperature: -40° to +85°C

Approved Standards:

- E-Mark - (UNECE Reg. 10 Rev. 05)
- CE - (EN 50498:2010)
- FCC - (47 CFR Part 15 Subpart B, Class A)
- Industry Canada - (ICES-003:2016, Issue 6, Class A)
- Earth Moving & Construction Machinery - (ISO 13766:2018)
- Elements of ISO 16750
- Ingress Protection - (ISO 20653:2013)
- WEEE
- RoHS

Technical Specifications:

- Operating Voltage: +12/24V D.C.
- Current Consumption: ≤ 1.22A @12V
- Power Consumption: ≤ 15W @12V
- TV System: AHD 1.0 (30 fps)
CVBS (NTSC)
- Output Resolution: AHD - 1280 x 720
CVBS - 720 x 480
- Camera Resolution: 1280 x 720
- Camera Viewing Angle: 182°(H) x 118°(V)
- Number of Video Inputs: 4
- Number of Video Outputs: 2
- Number of Trigger Inputs: 4
- Required Illumination: 1 Lux
- Video Output: 1.0 Vp-p / 75Ω
- ECU Overall Dimensions: 179 x 113 x 26mm
- Camera Overall Dimensions: 55 x 45 x 41mm
- System Assembled Weight: 1.4kg

Technical Specifications Continued...

- Cable Thickness:
 - Power Cable: 20 AWG
 - Trigger Cable: 22 AWG
- Length of Cable:
 - Camera: 1,000mm
 - ECU Power: 1,500mm
 - ECU Triggers: 1,000mm
 - ECU Video Output: 1,560mm
- ECU and Camera Housing Material: Cast Aluminium Alloy
- ECU Colour: Black
- Camera Housing Colour: Silver

Features:

- Choice of two video quality output formats:
 - High-definition in AHD 1.0
 - Standard-definition in CVBS (NTSC)
- 360° visibility using ultra wide viewing angle cameras
- Customisable 360° views:
 - Landscape or portrait configurations
 - Front and rear crossing traffic views
 - Customisable vehicle position in 360° view
- Configurable functions (triggers, speed etc.) via Backeye 360 Configuration Tool
- Configurable on screen parking markers and overlays
- For more information refer to Calibration, Installation & Operation Guide
- Compatible with Brigade's MDRs for recording of individual camera signals.

Package Contents:

- 1x ECU
- 4x Camera with housing
- 1x Interface Harness
- 1x Power Harness
- 1x Video Input Harness
- 1x Video Output Harness
- 1x Video Output Cable
- 1x Setup and View Select Button
- 1x ECU Fixing Kit
- 1x Camera Fixing Kit

Technical: +44(0) 1322 420347
www.brigade-electronics.com

Specifications subject to change without notice

PS(5800A)00 - BN360-300