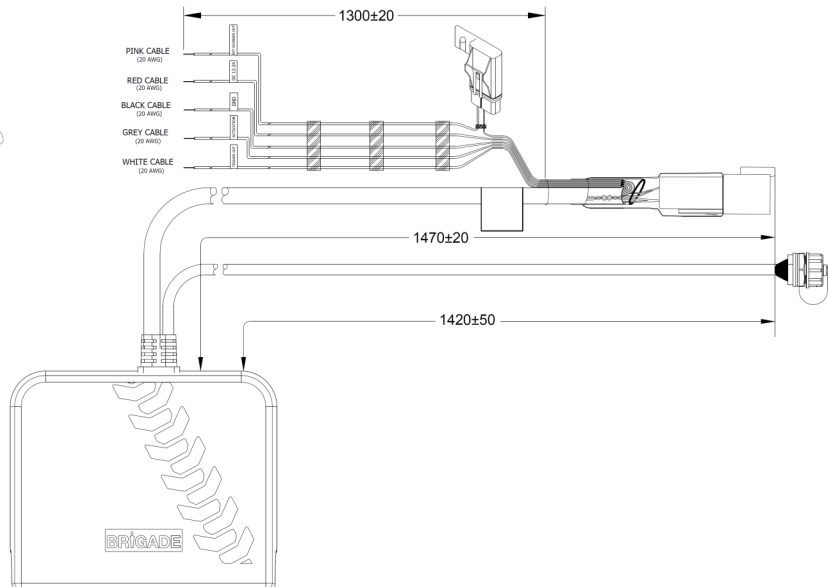
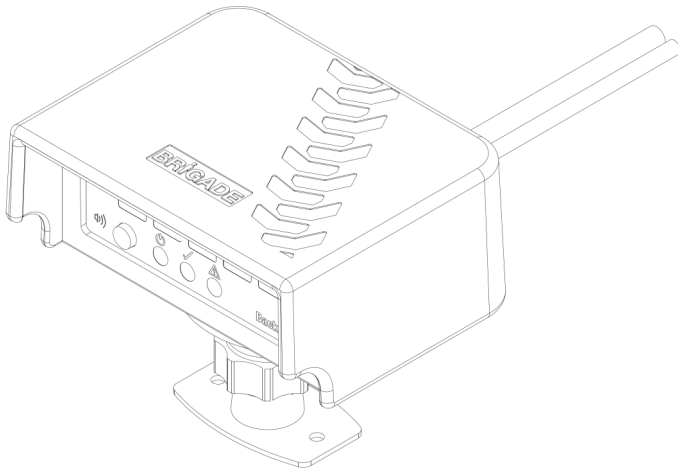


Product Specification



Brigade Model Number: **BS-WD-01**
Part Number: **(5593)**



Dimensions: mm

Environmental Specifications:

- Shock Rating: 50G
- Vibration Rating: 8.3G
- IP Rating: IP69K and IP68
- Operating Temperature: -40°C to +85°C
- Storage Temperature: -40°C to +90°C

Approved Standards:

- CE - (EN 61000-6-3:2007+A1:2011 and EN 61000-6-2:2005)
- 'E'-Mark - (UNECE Regulation 10 Rev 05)
- FCC (47 CFR Part 15 Subpart B)
- IC - (ICES-003:2016 (Issue6))
- ISO 13766-1:2018
- RoHS 2
- REACH
- WEEE

Technical Specifications:

- Operating Voltage: 9 – 32 Vdc
- Max. Current Consumption: ≤ 920mA
- Max. Power Consumption: ≤ 8 Watts
- Detection Length: Programmable 3 to 30m
- Detection Width: Programmable 2 to 10m
- Nominal Tolerance: ± 0.25m
- Detection Zones: 5, Fully Configurable
- Detection Zone Lights: Green (furthest), Light Green, Yellow, Orange & Red (closest)
- Zone Light Brightness: >300 cd/m²
- Reaction Time: ≤ 0.5 second
- Power to System Ready: ≤ 6 seconds
- System Standby to Active: ≤ 0.2 second
- Activation Input: 1
- Trigger Output: 1
- External Sounder Output: 1
- Sensor Compatibility: BS-9000 *)
- Max. Cable Length: 30m

Technical Specifications Continued...

- Length of Cables:
 - Input/Output Cables: ~1300 mm
 - Sensor Tail Cable: ~1470 mm
 - Mini-B USB Tail Cable: ~1420 mm
- Input/Output Cables Thickness: 20 AWG
- Dimensions: (Without Bracket)
 - 118 mm (W) x 97 mm (D) x 55 mm (H)
- Dimensions: (With Bracket)
 - 118 mm (W) x 97 mm (D) x 100 mm (H)
- Weight: 580 Grams (incl. tail cables)
- Housing Material & Colour: Polycarbonate & Black
- AMPS Hole Pattern: 30x38 mm, max. 6 mm screw depth

Features:

- Waterproof and dustproof display with rugged design
- Clear 5 zone visual display and audible alerts
- High ambient light conditions usable display with removable bracket, adjustable up to 28° in all directions
- Suitable for extreme conditions and prolonged sunlight exposure
- Built-in sounder with 3 volume levels
- External sounder interface and trigger output supported
- Programmable detection length, width, trigger output length, blind area & cells and buzzer starting zone via USB interface from a PC or laptop
- Configuration software supports Windows 7 and 10 operating systems
- AMPS hole pattern to support industry standard brackets

Package Contents:

- 1x BS-WD-01-D - Display Only
- 1x BS-BKT-02 - Display Bracket
- 1x BS-USB-A-01 - 1m Mini USB Cable for PC
- 1x BS-WD-IG - Installation & Operation Guide (IG)

Spare Parts:

- 1x BS-WD-USB - USB flash drive with SW and IG

*) Refer to BS-9000 PS for sensor information