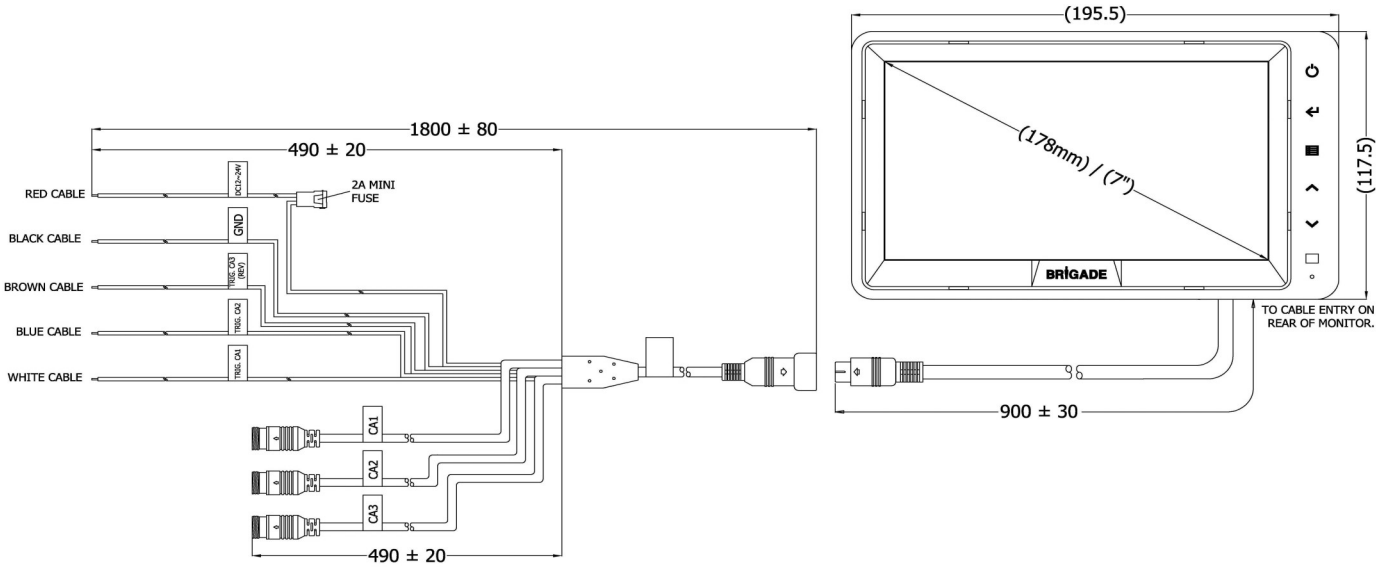
Product Specification

Brigade Model Number: **VBV-770HM**
Part Number: **(5611A)**



Dimensions: mm

Product Specification

Environmental Specifications:

- Shock Rating: 51 G (All 3 axis - 6 directions)
- Vibration Rating: 3 G (All 3 axis each 32hr random)
- Connector IP Rating: IP40
- Monitor IP Rating: IP30
- Operating Temperature: -30°C to +70°C
- Storage Temperature: -40°C to +85°C

Approved Standards:

- CE - (Electromagnetic Compatibility Directive 2014/30/EU, RoHS)
- UKCA (Electromagnetic Compatibility Regulations S.I. 2016/1091, RoHS)
- 'E' Mark - (UNECE Regulation 10 Rev 06)
- FCC - (47 CFR Part 15 Subpart B)
- IC - (ICES-003:2016, Issue 7 Class B)
- Elements of ISO 16750
- REACH
- WEEE

Technical Specifications:

- Operating Voltage: 12 / 24 Vdc
- Current Consumption: ≤ 1.14A @ 12Vdc
- Power Consumption: ≤ 13.68W @ 12Vdc
- TV System Support: CVBS (PAL)
  CVBS (NTSC)
  AHD 1.0 (720p - 25/30 fps)
  AHD 2.0 (1080p - 25/30 fps)
- Display Size: 7.0" (diagonal)
- Resolution: 1024 x (RGB) x 600
- Contrast Ratio: 700:1
- Brightness: 500 cd/m²
- Display Viewing Angle: 85°(T), 85°(B), 85°(L), 85°(R)
- Number of Video Inputs: 3 x 4 pin VBV connector
- Number of Triggers Inputs: 3
- Mirror/Normal Switching: All Channels
- Shutter camera support: Yes

Technical Specifications Continued...

- Monitor Dimensions: (Without Sunshield)
  195.5 mm (W) x 25.5 mm (D) x 117.5 mm (H)
- Monitor Weight: Approx. 432 Grams
- Video Input Impedance: 1.0 Vp-p / 75Ω
- Power / Trigger Cable Thickness: 18 AWG
- Cable Length: Monitor Pigtail: 900 ± 30mm
  Cable Adapter: 1800 ± 80mm
- Casing Material: ABS Plastic
- Finish / Colour: Soft Touch Black

Features:

- AHD and CVBS compatible with automatic signal detection (see list of all supported TV systems)
- High-definition, high-contrast, wide viewing angle digital LCD with LED backlight
- Low reflection TFT LCD (Anti Glare Coating)
- Integrated light sensor for backlight dimming
- Illuminated touch keypad
- Keypad disable/lock via OSD menu
- Integrated large speaker
- 10 x On Screen Display (OSD) languages:
  (English, French, German, Spanish, Turkish Italian, Dutch, Portuguese, Russian, Polish)
- Configurable trigger off delay (0-20 sec.)
- Configurable trigger input functions
- Configurable auto scan delay (0-20 sec.)
- 2 variations of digital on screen markers
- Compatible with Remote Control VBV-7X0DM-RC
- 5-pin shutter camera support via adapter cable AC-035

Package Contents:

- 1x VBV-770HM-M - Monitor Only
- 1x VBV-7X0M-CA - Cable Adapter
- 1x VBV-770M-SS - Sunshield
- 1x VBV-770HM-IG - Installation Guide
- 1x BMM-015 - Short Arm Bracket

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Specifications subject to change without notice