BB-USH204
BB-USH207

Four & Seven Port Super-Speed 3.0 USB Hubs

Features

- Expands one USB port to 4 or 7 USB ports (see models)
- 8kV air ESD protection
- SuperSpeed USB 3.0 speeds up to 5 Gbps
- Heavy-duty metal case with DIN and panel mount options (includes mounting kit)
- 900 mA downstream power on each port
- External power supply required (not included, sold separately)
- Includes USB 3.0 Type A to Type B (2 m) cable

Specifications

USB Interface

- **Standards**   USB 3.0 (backward compatible with USB 2.0 and USB 1.1)
- **Upstream Port**   (1) Type B
- **Downstream Ports**   BB-USH204: (4) Type A
  BB-USH207: (7) Type A
- **USB Controller**   Supports xHCI
- **Surge Protection**   600W power input surge protection on each port
- **ESD Protection**   8 kV air

Power

- **Power Requirement**   External power source, required (not included, sold separately)
  Redundant 9 to 24 V_{DC} terminal block input
  BB-USH204: 24 W
  BB-USH207: 36 W
- **Power Connector**   3-pin terminal block or barrel DC power jack
- **Downstream Power**   900 mA per port
- **LED**   Power LED indicator

Mechanical

- **Dimensions**   138.8W x 68.5D x 25.0H mm
- **Enclosure**   Industrial-grade, metal case
- **Weight**   BB-USH204: 600 gm
  BB-USH207: 620 gm

Meantime Between Failure (MTBF)

- **MTBF**   BB-USH204: 588858 hours
  BB-USH207: 935103 hours
- **Calculation Method**   Modified QF factors

Environmental

- **Operating Temperature**   0 to +40 °C
- **Storage Temperature**   -20 to +50 °C
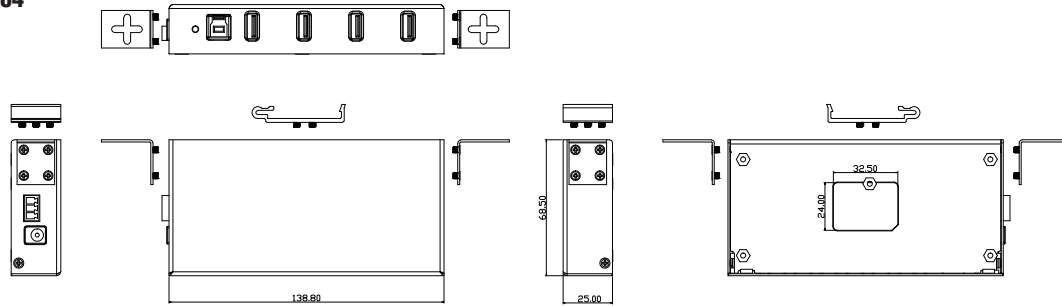- **Operating Humidity**   0 to 85% Non-condensing

Approvals, Directives, Standards

- **Emissions**   FCC Class B, CE, RoHS
- **CE - Directives**   2014/30/EU – Electromagnetic Compatibility Directive
  2011/65/EU amended by (EU) 2015/863 Reduction of Hazardous Substances Directive (RoHS)
  2012/19/EU – Waste Electrical and Electronic Equipment Directive (WEEE)
- **CE - Standards**   EMC:
  EN 55032 Class A - Electromagnetic Compatibility of Multimedia Equipment – Emission Requirements
  EN 55024 - Information Technology Equipment – Immunity Characteristics – Limits and Methods of Measurement
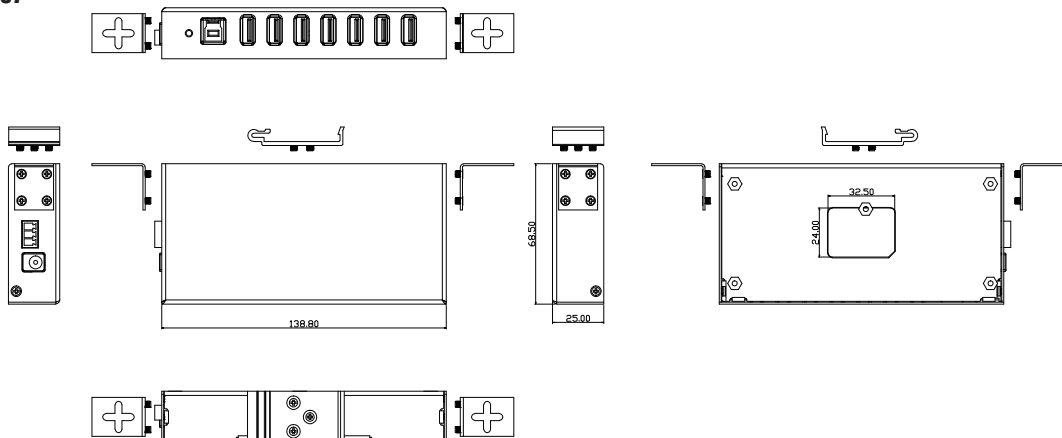
Dimensions

Unit: mm

BB-USH204

138.80
68.50
25.00
32.50
24.00

BB-USH207

138.80
68.50
25.00
32.50
24.00

Ordering Information

- **BB-USH204**   Industrial USB 3.0 4-port Hub
- **BB-USH207**   Industrial USB 3.0 7-port Hub

Accessories – Sold Separately

- **BB-MDR-40-12**   40W, 12V, DIN Rail, Slim, Plastic Power Supply
  (required, not included)
- **BB-USB3AMBM-3FT**   USB 3.0 Cable, 0.91 m (one cable included with
  product)

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