

# 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<sub>DC</sub> 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

#### Mean Time 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

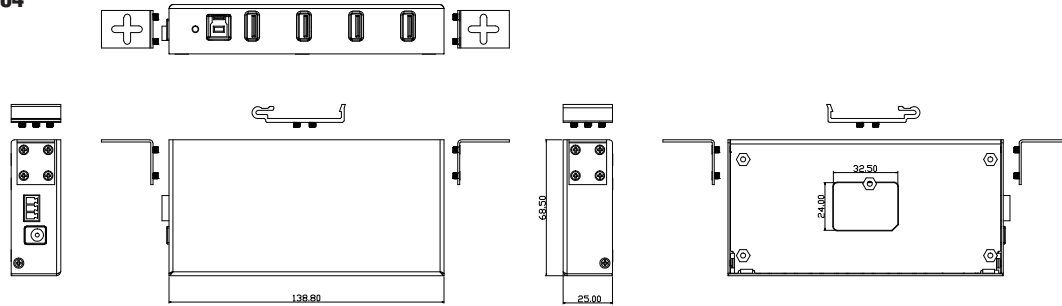
#### Approvals, Directives, Standards

- **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

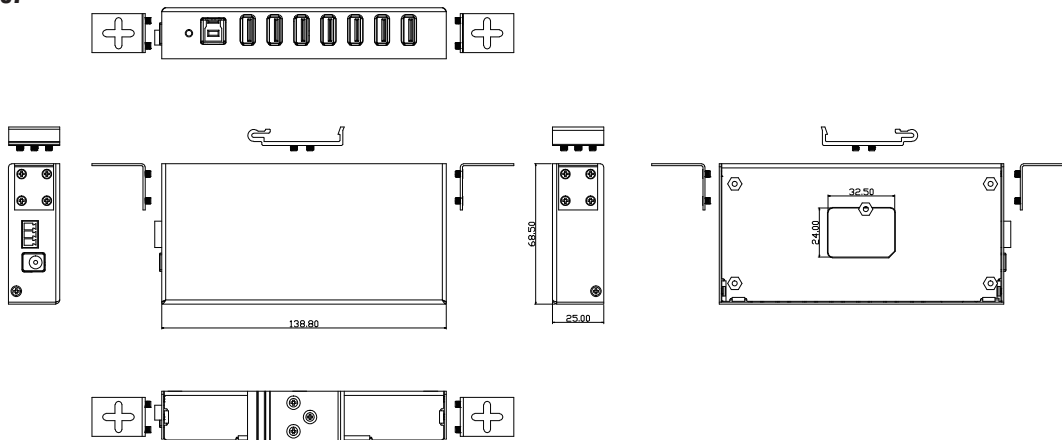
## Dimensions

Unit: mm

### BB-USH204



### BB-USH207



## 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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