Four & Seven Port Super-Speed 3.0 USB Hubs
Models BB-USH204 & BB-USH207

Models BB-USH204 and BB-USH207, 4-port and 7-port industrial USB 3.0 hubs, offer a simple way to expand a system’s current USB capability by providing additional external USB 3.0 ports from a single USB 3.0 host connection, with speeds up to 5 Gbps.

These rugged hubs provide reliability under almost any condition and can be securely mounted to most surfaces. Fully compliant with the SuperSpeed USB 3.0 Specification, these industrial USB hubs are backward compatible with USB 2.0 and 1.x Specifications for simultaneous support of older USB peripherals or even older systems without USB capabilities.

USB 3.0 downstream powering supplies 900 mA to power connected peripherals. An external power source is required (not included, sold separately).

Includes: USB 3.0 Type A to Type B cable (2 m), DIN rail/wall mount kit and terminal block.

PRODUCT FEATURES
- Expands one USB port to 4 or 7 USB ports (see models)
- 8kV air ESD protection
- 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

ORDERING INFORMATION

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<tr>
<th>MODEL NUMBER</th>
<th>DESCRIPTION</th>
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<tr>
<td>BB-USH204</td>
<td>Industrial USB 3.0 4-port Hub</td>
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<tr>
<td>BB-USH207</td>
<td>Industrial USB 3.0 7-port Hub</td>
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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 (3.0 ft) (one cable included with product)

MECHANICAL DIAGRAM – BB-USH207
Units = mm

All product specifications are subject to change without notice.
BB-USH204_BB-USH207_4419ds
## SPECIFICATIONS

### USB INTERFACE

<table>
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<th>Standards</th>
<th>USB 3.0 (backward compatible with USB 2.0 and USB 1.1)</th>
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<tr>
<td>Upstream Port</td>
<td>(1) Type B</td>
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</table>
| Downstream Ports | BB-USH204: (4) Type A  
BB-USH207: (7) Type A |
| 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 VDC 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 (5.47W x 2.7D x 0.98H in) |
| Enclosure | Industrial-grade, metal case |
| Weight | BB-USH204: 600 gm (1.32 lb)  
BB-USH207: 620 gm (1.37 lb) |

### ENVIRONMENTAL

| Operating Temperature | 0 to +40 °C (+32 to +104 °F) |
| Storage Temperature | -20 to +50 °C (+4 to +122 °F) |
| Operating Humidity | 0 to 85% Non-condensing |

### APPROVALS, DIRECTIVES, STANDARDS

| Emissions | FCC Class B, CE, RoHS |
| CE - Directives | 2014/30/EU – Electromagnetic Compatibility Directive  
2015/863/EU – Reduction of Hazardous Substances Directive (RoHS-3)  
2012/19/EU – Waste Electrical and Electronic Equipment Directive (WEEE) |
| CE - Standards | EMC:  
EN 55032 + AC, Class A – Information Technology Equipment  
EN 61000-6-4 – Generic Emissions Standard for (Heavy) Industrial Environments  
EN 61000-6-2 – Generic Immunity Standard for (Heavy) Industrial Environments |

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### MECHANICAL DIAGRAM – BB-USH204

Units = mm