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

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

Models BB-USH204 and BB-USH207, 4-port and 7-port industrial USB 3.0 hubs, offersa 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.

ORDERING INFORMATION

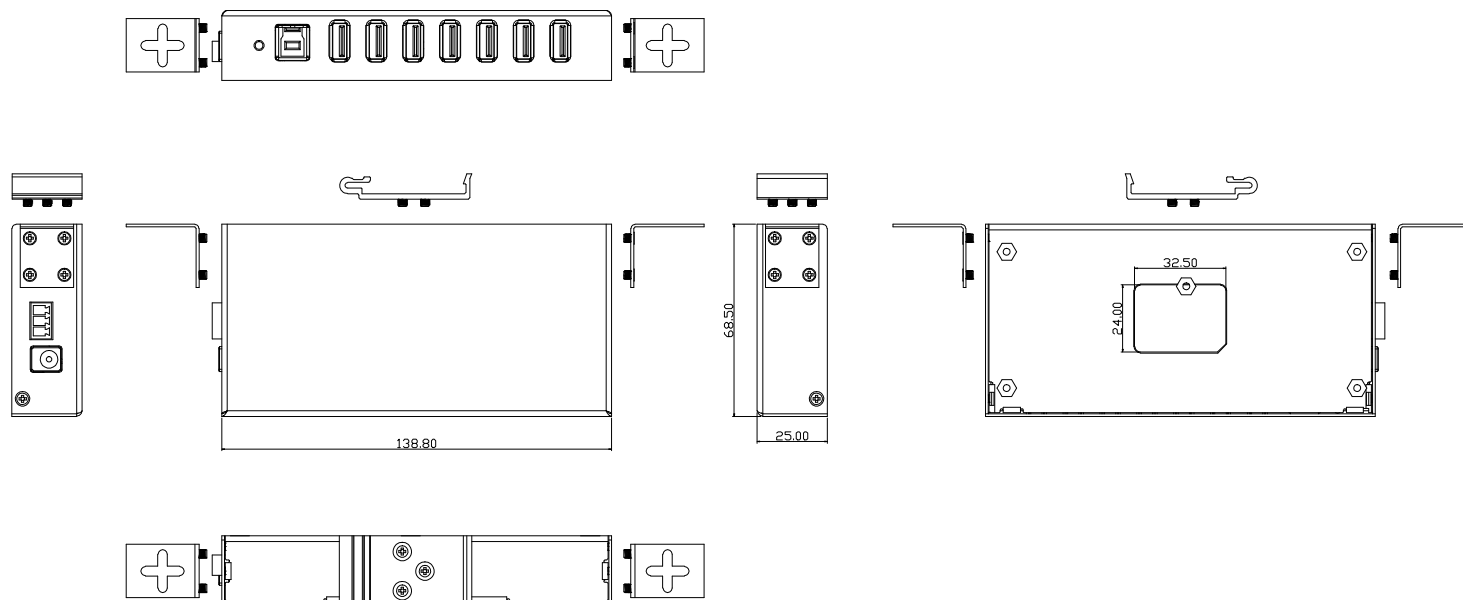| MODEL NUMBER	DESCRIPTION
BB-USH204	Industrial USB 3.0 4-port Hub
BB-USH207	Industrial USB 3.0 7-port Hub

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 (3.0 ft) (one cable included with product)

MECHANICAL DIAGRAM – BB-USH207
Units = mm

B+B SMARTWORX
Powered by **ADVANTECH**

orders@advantech-bb.com
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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
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 2011/65/EU – Reduction of Hazardous Substances Directive (RoHS) 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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