

# BB-UH104

## Four-port Industrial USB 2.0 Hub



### Features

- Expands 1 USB port to 4 USB ports (USB 2.0)
- 15 kV ESD protection
- USB 2.0, 480 Mbps, high speed
- Wide operating temperature (-40 to +80 °C)
- Rugged panel mount case (mounting brackets included)
- High retention USB connectors hold cables tight
- USB cable required (sold separately)

### Specifications

#### USB Interface

- **Standards** USB 2.0 (1.1 compatible)
- **Upstream Port** (1) Type B Female – High Retention
- **Downstream Port** (4) Type A Female – High Retention
- **Speed** 480 Mbps on each port  
Multi-transaction Translator, 1 per port
- **ESD** 15 kV Air, 8 kV Contact
- **High Retention** USB ports require 15 N - 1.54kg withdrawal force using standard USB cable

#### Power

- **Source** 5 V<sub>DC</sub> from USB bus
- **Downstream Power** 100 mA per port

#### Mechanical

- **Dimensions** 61 x 44.5 x 27.9 mm
- **Enclosure** IP 30, Polycarbonate Plastic
- **Weight** 49.90 g
- **MTBF** 552747 Hours
- **MTBF Calc. Method** MIL 217F Parts Count Reliability

#### Environmental

- **Operating Temperature** -40 to +80 °C
- **Storage Temperature** -40 to +85 °C
- **Operating Humidity** 0 to 95% Non-condensing

#### Approvals, Directives, Standards

- **FCC, CE**
- **CE Directives** 2014/30/EU - Electromagnetic Compatibility Directive  
2011/65/EU amended by 2015/863/EU - Reduction of Hazardous Substances Directive (RoHS)  
2012/19/EU - Waste Electrical and Electronic Equipment (WEEE)
- **CE Standards** EMC:  
EN 55032: Class B - Information Technology Equipment - RF Emissions  
EN 55024 - Information Technology Equipment - Immunity Characteristics - Limits and Methods of Measurements  
EN 61000-6-1 - Generic Immunity Standard for Residential, Commercial and Light-Industrial Environments

### Ordering Information

- **BB-UH104** 4-port Industrial USB 2.0 Hub  
USB cable required - sold separately.

#### Accessories – sold separately

- **BB-USBAMB-3F** 0.9 m USB extension cable

### Dimensions

