Four Port Industrial USB Hub

UH104

B+B SmartWorx
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PRODUCT FEATURES

- High Retention USB Connectors
- 15 kV ESD Protection
- Rugged Panel Mount Case
- Wide Operating Temperature (-40 to 80°C)
- USB 2.0 – High Speed (480 Mbps)

USB Connectivity Where You Need It
Model UH104 is a compact, Industrial Grade Four Port USB 2.0 Hub. It has High Retention USB connectors that work with standard USB cables to ensure a tight connection in high vibration applications – requiring up to 3.4 lbs(1.54 kg) force to disconnect them. It provides true USB 2.0 data transmission through each port, even during heavy load applications. The UH104 is a plug-and-play device, meaning that there are no additional drivers to load.

Bus Power
The hub is powered entirely by your high power USB port, leaving your installation uncluttered by power cabling. As a bus powered device, it provides 100 mA of power to downstream peripherals. This is adequate for most applications.

Mount it Anywhere
The compact polycarbonate plastic enclosure comes equipped with mounting brackets that you can use to secure it to a panel, counter top, or other flat surface. A standard USB cable is required to connect it to your PC.

Industrial Specifications
Industrial EMC specifications make this hub more robust than other office grade products. See the chart to the right to view the complete list of CE and FCC certifications.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
UH104	4-port Industrial USB Hub

USB cable required - sold separately.

ACCESSORIES

USBAMBM-3F - 0.9 m (3 ft.) USB Extension Cable

All product specifications are subject to change without notice.

B+B SmartWorx
Powered by ADVANTECH
orders@advantech-bb.com
support@advantech-bb.com
Corporate Headquarters: 707 Dayton Road, PO Box 1040 Ottawa, IL 61350 USA 815-433-5100 Fax 433-5104
European Office: Westlink Commercial Park, Oranmore Co. Galway Ireland +353 91 792444 Fax +353 91 792445

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SPECIFICATIONS

USB INTERFACE	
Standards	USB 2.0
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 - 3.4 lbs (1.54 kg) force withdrawal force using standard USB cable
POWER	
Source	5 VDC from USB Bus
Downstream Power	100 mA per port
MECHANICAL	
Dimensions	6.1 x 4.45 x 2.79 cm (2.4 x 1.75 x 1.10 in)
Enclosure	IP 30, Polycarbonate Plastic
Weight	0.11 lb (49.90 g)
MTBF	552,747 Hours
MTBF Calc. Method	MIL 217F Parts Count Reliability
ENVIRONMENTAL	
Operating Temperature	-40 to 80°C (-40 to 176°F)
Storage Temperature	-40 to 85°C (-40 to 185°F)
Operating Humidity	0 to 95% Non-condensing

APPROVALS / CERTIFICATIONS	
2004/108/EU	Electromagnetic Compatibility Directive
2011/65/EU	Reduction of Hazardous Substances Directive
EN 55022: +AC (Class B)	Information technology equipment - radio disturbance characteristics - Limits and methods of measurement
EN 61000-6-1	Generic immunity standard for residential, commericial and light-industrial environments
EN 61000-4-2	ESD Immunity
EN 61000-4-3: +A2	Radiated Immunity
EN 61000-4-4	EFT/Burst Immunity
EN 61000-4-5	Surge Immunity
EN 61000-4-6	RF Conducted Immunity

MECHANICAL DIAGRAM



