Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Four-port Industrial USB 2.0 Hub

Model UH104

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 1.54 kg (3.4 lbs) 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 which is adequate for most applications. *Important: check your device to be sure this power is adequate. If it needs more power, B+B SmartWorx has a variety of externally powered hubs to select from.*

Mount it Anywhere

The compact polycarbonate plastic enclosure comes equipped with mounting brackets 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.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
UH104	4-port Industrial USB 2.0 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.
UH104_4817ds

B+B SMARTWORX
Powered by ADVANTECH

orders@advantech-bb.com
support@advantech-bb.com

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European Office: Westlink Commercial Park, Oranmore Co. Galway Ireland +353 91 792444 Fax +353 91 792445

Four-port Industrial USB 2.0Hub

Model UH104

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
Operating Humidity	0 to 95% Non-condensing

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, DIRECTIVES, STANDARDS	
FCC, CE	
Directives (EU)	2014/30/EU - Electromagnetic Compatibility Directive
	2011/65/EU - Reduction of Hazardous Substances Directive (RoHS)
	2012/19/EU - Waste Electrical and Electronic Equipment (WEEE)
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

MECHANICAL DIAGRAM

4.45 cm
1.75 in

6.1 cm
2.4 in

2.79 cm
1.10 in

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