Four Port Industrial USB Hub UH104

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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. UH104_2716ds

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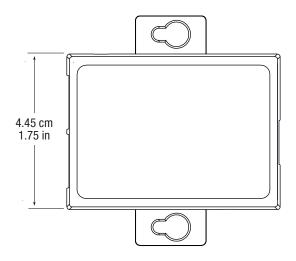


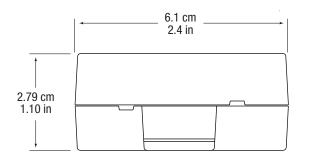
SPECIFICATIONS

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	Information technology equipment - radio disturbance characteristics	
(Class B)	- 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





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