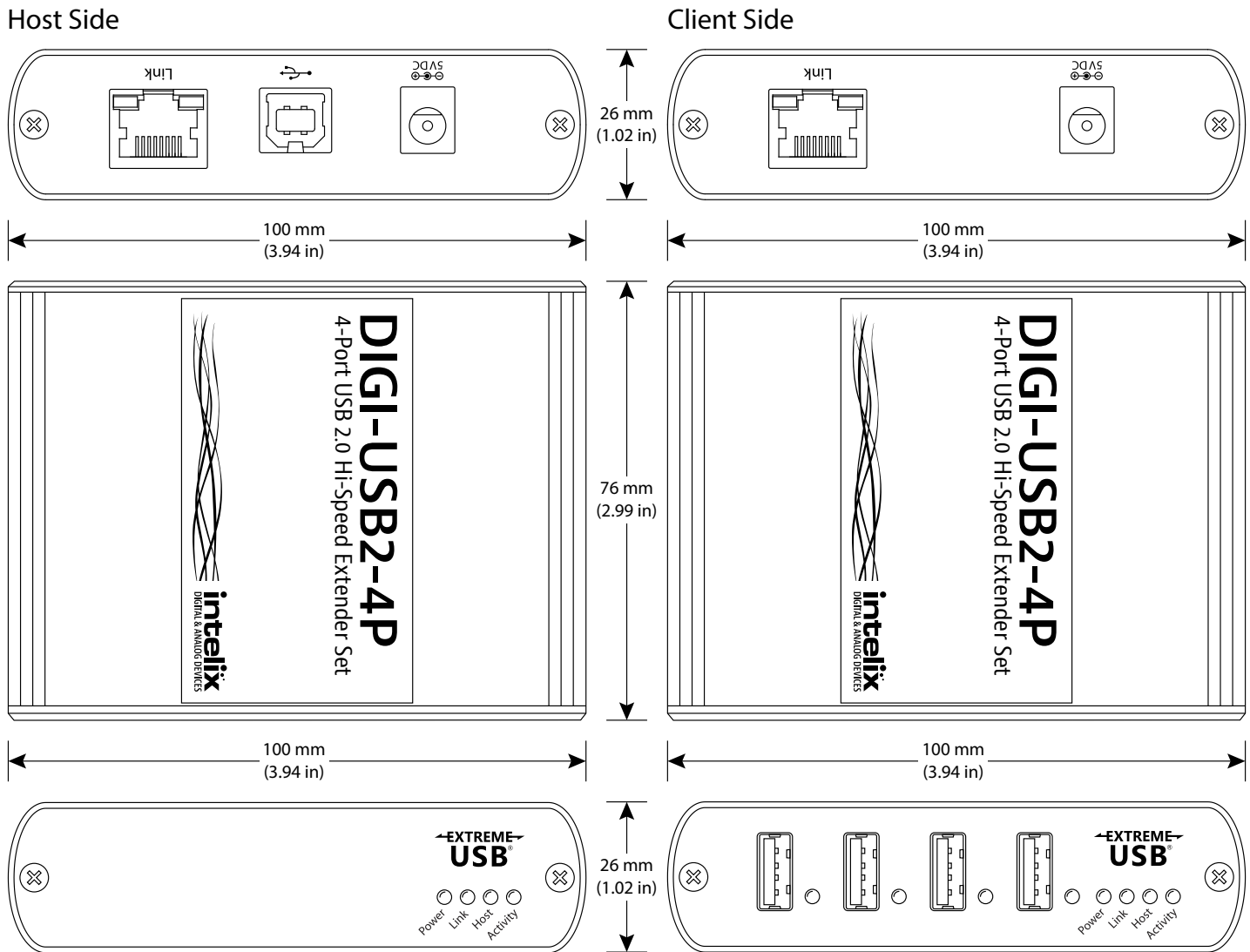# DIGI-USB2-4P Technical Specifications

Four-Port USB 2.0 Hi-Speed Extender Set

Rev 150515

The Intelix DIGI-USB2-4P extends computer USB 1.1 and USB 2.0 signals up to 100m (330 ft) over twisted pair cabling to four remote devices.

The DIGI-USB2-4P utilizes inexpensive twisted pair cabling and has a throughput of up to 480Mbps. The DIGI-USB2-4P is perfect for keyboard and mouse extension, remote data ports, up to 4 USB hubs, security applications and interactive white board applications.

Host Side

Client Side

intelix
DIGITAL & ANALOG DEVICES

Touchboards

205 Westwood Ave, Long Branch, NJ 07740
Phone: 866-94 BOARDS (26273) / (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

Host Input/Output Connections	
USB Input	One (1) USB Type B Receptacle
Link Output	One (1) 8P8C Connector (RJ45 style)
5V DC Power	One (1) Barrel (5.5 mm OD; 1.7 mm ID)
Client Input/Output Connections	
USB Outputs (500 mA max current)	Four (1) USB Type A Receptacles
Link Input	One (1) 8P8C Connector (RJ45 style)
5V DC Power	One (1) Barrel (5.5 mm OD; 1.7 mm ID)
USB Performance	
Maximum Distance	100 m (328 ft) over Category 5e or greater cable
USB Device Support	High-speed devices (USB 2.0) - up to 480 Mbps Full-speed devices (USB 2.0 & 1.1) - up to 12 Mbps Low-speed devices (USB 2.0 & 1.1) - up to 1.5 Mbps
USB Hub Support	Any single chain can include up to 4 USB hubs plus one DIGI-USB2-4P.
USB Host Support	xHCI (USB 3.0) at USB 2.0 speed, EHCI (USB 2.0) and OHCI/UHCI (USB 1.1)
Maximum USB Devices Supported	Up to 15 USB devices or 4 USB hubs with 11 USB devices.
Chassis and Environmental	
Enclosure Material	Anodized Aluminum
Enclosure Dimensions (H x W x D)	26 mm x 100 mm x 76 mm (1.02 in x 3.94 in x 2.99 in)
Shipping Weight	0.9 kg (2.0 lbs)
Operating Temperature	0° to +50° C (+32° to +122° F)
Operating Humidity	10% to 90%, Non-condensing
Storage Temperature	-20° to +70° C (+14° to +158° F)
Storage Humidity	10% to 85%, Non-condensing
Power and Regulatory	
Power Supply Input	100V-240VAC / 50-60 Hz / 0.6A
Power Supply Output	5VDC / 3.0A
Power Consumption	15 watts (max)
ESD Protection	±15 kV
Product Regulatory	FCC, CE, IC, RoHS
Power Supply Regulatory	UL, CUL, CE, PSE, GS, RoHS
Other	
Warranty	2 years
Diagnostic Indicators (Host Side)	Power, Host, Link, Activity
Diagnostic Indicators (Client Side)	Power, Host, Link, Activity, USB Port Status
Included Accessories	Wall Mount Power Supply, USB Type A to USB Type B cable, Installation Guide

Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches.

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