

USER MANUAL

IPEX-USB2-H/-C Owners Manual



DigiIP Series USB 2.0 High Speed over IP.

Fully routable USB over IP with Isochronous data Support

Liberty

www.libav.com 800.530.8998

PRODUCT OVERVIEW

The DigiIP IPEX-USB2 allows users to extend USB beyond the standard 5m cable limit for USB 2.0 devices. The IPEX-USB2 is composed of 2 units the IPEX-USB2-C is for USB devices and the IPEX-USB2-H is for host devices. No software drivers are needed for the IPEX-USB2 units. IPEX-USB2-H does not need power as it receives power from the host. Seven USB devices can be routed to a single host.

PACKAGE CONTENTS

- IPEX-USB2-H
- (1) USB 2.0 cable)
- IPEX-USB2-C
- 24V 1A Power Adapter with US, UK, AU AND EU Power Adapters

IPEX-USB2-H PRODUCT BREAKDOWN

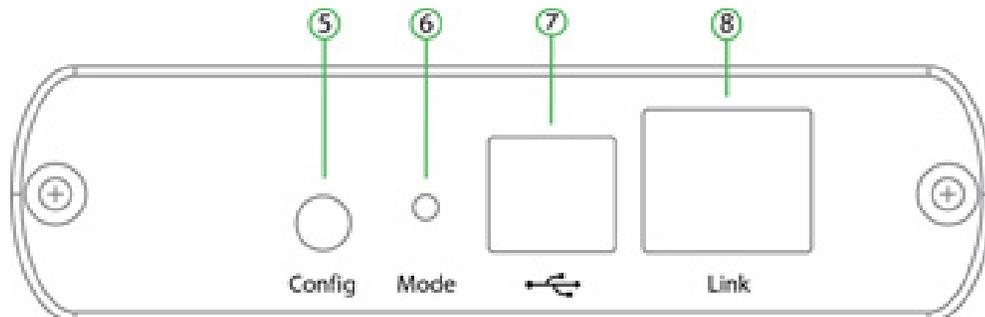


1. Power LED (Blue) :When the blue power LED is on the IPEX-USB2-H has power. When the LED is off no power is supplied by the host computer.

2. Link LED (Green) : LED is on when link between host and client is established. LED is off when no link is made between host and client. Slow blinking is when the unit is trying to establish a link. Fast blinking the unit is in pairing mode..

3. Host LED(Green) :When the green LED is on the unit is properly enumerated on the host computer. The LED blinks when the unit is in a suspended state.

4. Activity LED (Amber) : Flashing light means data is transmitting between the client and host devices.



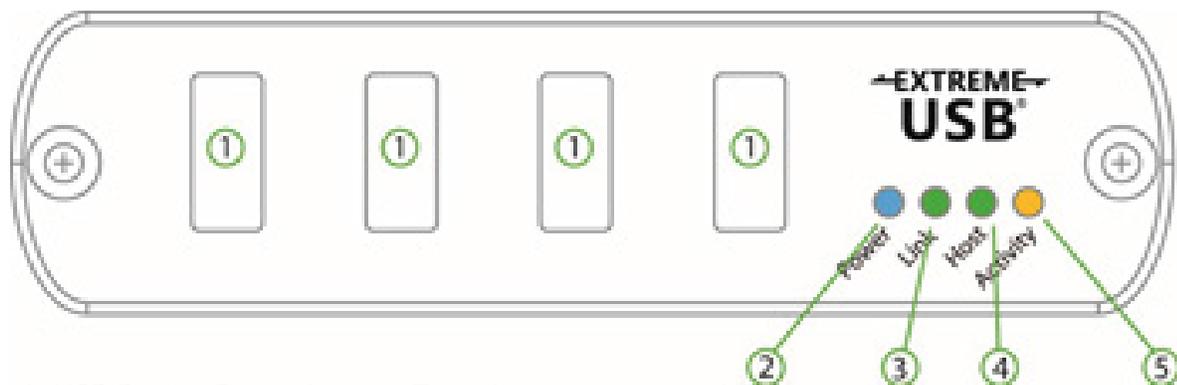
5. Config: for future use / firmware

6. Mode: Press to enter pairing mode.

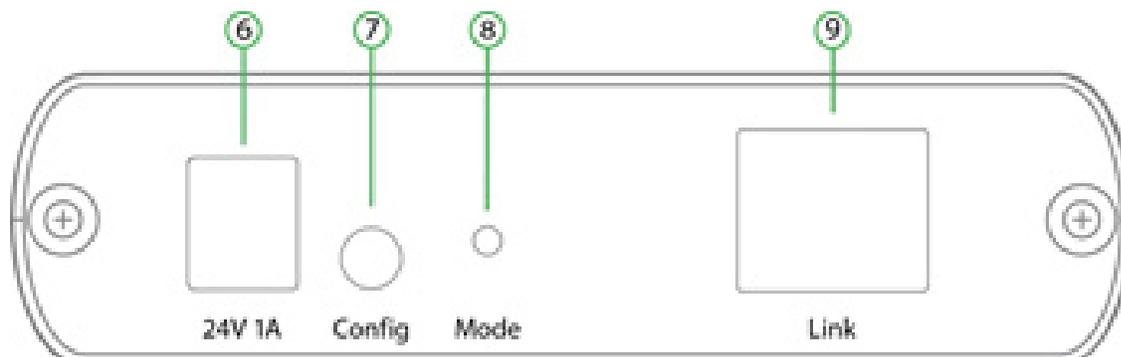
7. USB Host Port: Connect USB cable to host computer

8. Ethernet port: Connect to Client device or network switch

IPEX-USB2-C PRODUCT BREAKDOWN



1. USB Device Ports: Accepts Type A connections to UB devices.
2. Power LED (Blue) :When the blue power LED is on the IPEX-USB2-H has power. When the LED is off no power is supplied by the host computer.
3. Link LED (Green) : LED is on when link between host and client is established. LED is off when no link is made between host and client. Slow blinking is when the unit is trying to establish a link. Fast blinking the unit is in pairing mode..
4. Host LED(Green) :When the green LED is on the unit is properly enumerated on the host computer. The LED blinks when the unit is in a suspended state.
5. Activity LED (Amber) : Flashing light means data is transmitting between the client and host devices.



6. Power In : Connects to power adapter.
7. Config: for future use / firmware
8. Mode: Press to enter pairing mode.
9. Ethernet port: Connect to Host device or network switch

PAIRING HOST AND CLIENT

1. Ensure the Host and Client units are connected directly to each other, or connected to the same subnet on the network switch
2. Press and hold the Mode button on the back of the Host unit. Release the button within 10 seconds. The Link LED will start to blink and this indicates the unit is in Pairing mode.
3. Within 10 minutes of activating the pairing mode on the Host unit. Press and hold the Mode button on the back of the Client unit. Release within 10 seconds to place the Client into pairing mode. The Link LED will start to blink.
4. The Link LED on both Host and Client will start to blink slowly and then stay on. Once the Link LED is solid on the units are linked together.

ROUTING HOST AND CLIENT

Routing of the Host and Client dynamically will be done through Arranger. Please pull up the Arranger Manual of the series you are using for details on how to route Host and Client.

TECHNICAL SPECIFICATIONS

Model	IPEX-USB2		
Physical Parameter			
Case Material	Client: Industrial-grade metal chassis with metal brackets Host: Industrial-grade metal chassis with metal brackets		
Dimensions	Host: 100mm [W] x 76mm [D] x 26mm [H] Client: 100mm [W] x 76mm [D] x 26mm [H]		
Weight	Host: 181g Receiver: 181g		
Power Protection	ESD protection with human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)		
Power Output	DC 24V 1A		
Power Input	AC 100-240V 50/69Hz		
USB Power	600mA each port concurrently; 1A per port if 2 of less ports are used		
Operating Temperature	32- 122°F / 0- 50°C		
USB Specifications			
USB	2.0		
Bandwidth	480Mbps		
Traffic Types	All USB 2.0 Traffic Types		
Device Types	All USB 2.0 Device Types		
Networking			
Standards	1000Base-T		
Data Traffic	Layer 2		
Connectivity			
Inputs	Host: 1x USB Type B 1x RJ45 Client: 4x USB Type A 1x RJ45 1x DC 24V		
Transmission			
Max Distance switch to device	328ft / 100m over CAT5e/6/6a/7		
Max Distance device to device	328ft / 100m over CAT5e/6/6a/7		

Thank you for your purchase.

For technical support please call our
toll-free number at 800-530-8998
or email us at supportlibav@libav.com

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