




INTEROPERABILITY TEST

Newnex USB Cables & Repeaters | Magewell USB Capture Devices

Objective

To ensure interoperability between Newnex USB connectivity solutions and Magewell USB Capture cards

Product(s) Tested

	Product Name	USB Interface
	USB Capture HDMI Gen 2	Connector: USB-A Data Rate: USB 3.2 Gen 1 (USB 3.0) 5Gbps Power: 5V/0.9A
	USB Capture HDMI Plus	Connector: USB-A Data Rate: USB 3.2 Gen 1 (USB 3.0) 5Gbps Power: 5V/0.9A
	USB Capture HDMI 4K Plus	Connector: USB-A Data Rate: USB 3.2 Gen 1 (USB 3.0) 5Gbps Power: 5V/0.9A

Parameters

Host PC

CPU	Intel Core i5-12600K
Motherboard Chipset	Z790
Memory	16GB DDR5
Operating System	Windows 10 Pro

USB Host

USB Controller Chipset

Intel USB Port on Motherboard	Intel USB 3.2 Gen 2x2 xHCI
StarTech PEXUSB3S44V	Renesas uDP720201
Advantech PCE-USB4-00A1E	Renesas uDP720201
IOI U3X4-PCIE4XE111	Fresco FL1100
HighPoint RU1344A	ASMedia 3142

All Products

Testing Software	Zoom test meeting
Passing Condition	1 hour of continuous streaming with 0 connection drops

Test Results

Newnex PN	Product Description	USB Capture HDMI Gen 2	USB Capture HDMI Plus	USB Capture HDMI 4K Plus
Passive USB Cables				
US2SW-AA-1M	USB3 A/M to A/M, 1m	✓	✓	✓
US2SW-AA-2M	USB3 A/M to A/M, 2m	✓	✓	✓
US226SW-AA-3M	USB3 A/M to A/M, 3m	✓	✓	✓
U3S1C21A01X1M	USB3 C/M to A/M, 1m	✓	✓	✓
U3S1C21A01X2M	USB3 C/M to A/M, 2m	✓	✓	✓
U3S1C21A01X3M	USB3 C/M to A/M, 3m	✓	✓	✓