INTEROPERABILITY TEST

Newnex USB Cables & Repeaters | Elgato (Corsair) Facecam Cameras

Objective

To ensure interoperability between Newnex USB connectivity solutions and Elgato (Corsair) Facecam USB cameras

Product(s) Tested

	Product Name	USB Interface
	Elgato Facecam	**Connector:** USB-C **Data Rate:** USB 3.2 Gen 1 (USB 3.0) 5Gbps **Power:** 5V/0.9A
	Elgato Facecam Pro	**Connector:** USB-C **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, Ubuntu 22.04 LTS

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

	Elgato Facecam	Elgato Facecam Pro
Testing Software	Elgato Camera Hub 1.1	
Resolution	1080p	4K
Frame Rate	60fps	60fps
Passing Condition	1 hour of continuous streaming	

Testing Results

Newnex PN	Product Description	Elgato Facecam	Elgato Facecam Pro
Passive USB Cables			
U3S1A01C11-010	USB 3.2 A to C Cable, 1m	✓	✓
U3S1A01C11-020	USB 3.2 A to C Cable, 2m	✓	✓
U3S1A01C11-030	USB 3.2 A to C Cable, 3m	✓	✓
U3S1A01C11-050	USB 3.2 A to C Cable, 5m	✓	✓
U4SLC01C01E030	USB 3.2 C to C Cable, 3m	✓	✓
U4SLC01C01-050	USB 3.2 C to C Cable, 5m	✓	✓
Active USB Cables			
FIRENEX-ULC-8	Active USB 3.2 A to C, 8m	✓	✓
ULU11MAC-10	Active USB 3.2 A to C, 10m	✓	✓
FIRENEX-ULC-12	Active USB 3.2 A to C, 12m	✓	✓
FIRENEX-ULC-16	Active USB 3.2 A to C, 16m	✓	✓
ULU11MAC-18	Active USB 3.2 A to C, 18m	✓	✓
UL-C21C11-8M	Active 5Gbps USB 3.2 C to C, 8m	✓	✓
UL-C21C11-16M	Active 5Gbps USB 3.2 C to C, 16m	✓	✓
USB Repeaters			
FIRENEX-UDC-10G (with 2x 5m passive USB-C Cable)	Active USB-C Female to USB-C Female Adapter	✓	✓
FIRENEX-5000H+ (with 300m Fiber Cable)	2-Port 5Gbps USB Repeater over Multi-mode Fiber	✓	✓
FIRENEX-5000C (with 200m Fiber Cable)	4-Port 5Gbps USB Repeater over Single-mode Fiber	✓	✓
FIRENEX-80G (with 700m Fiber Cable)	8-Port 10Gbps USB Repeater over Single-mode Fiber	✓	✓
FIRENEX-CAT6 (with 70m CAT6A Cable)	5Gbps USB-C Repeater over CAT6a/7 Ethernet Cable	✓	✓
USB Hubs			
FIRENEX-UHUB	4-Port Industrial USB 5Gbps Hub	✓	✓
FIRENEXUHUB10G	7-Port Industrial USB-C 10Gbps Hub	✓	✓