

# Extender Comparison Chart

	Model	Cabling	Resolution & Distance	Bandwidth	HDR	Ethernet	IR	RS232	EDID	Power	KVM	CEC	ARC	HDMI Loop-Out	Audio Breakout	Key Features	
Over Fiber	EVEXFBRK1	Multi-mode fiber	4K@60Hz / 984ft (300m)	18Gbps	Limited <sup>2</sup>		✓	✓	Dynamic		✓	✓				Extreme distance extenders with pair of multi-mode SFP modules	
		Single mode fiber	4K@60Hz / 6.2mi (10km)														
	EVEXFBR1	Multi-mode fiber	4K@60Hz / 984ft (300m)	18Gbps	Limited <sup>2</sup>		✓	✓	Dynamic								
		Single mode fiber	4K@60Hz / 6.2mi (10km)														
HDBaseT	EVEXHDB3	Cat6	4K@60Hz / 196ft (60m)	18Gbps	Full	✓	✓	✓	Dynamic	PoH	✓	✓	eARC	✓	✓	HDBaseT flagship extender that supports uncompressed 4K resolutions and 16hz ethernet pass-through	
		Cat6a/7	4K@60Hz / 330ft (100m)														
	EVEX4K50	Cat5e/6	1080p@60Hz / 230ft (70m)	18Gbps <sup>1</sup>	Full		✓	✓	Dynamic	PoC		✓					HDBaseT using virtually lossless compression
			4K@60Hz / 164ft (50m)														
	EVEXHDB1	Cat5e/6	1080p@60Hz / 230ft (70m)	10.2Gbps			✓	✓	Dynamic	PoC		✓				✓	Cost efficient HDBaseT solution
			4K@60Hz / 131ft (40m)														
EVWP3000	Cat5e/6	1080p@60Hz / 230ft (70m)	10.2Gbps			✓		Dynamic	PoH							A wall plate HDBaseT solution	
		4K@60Hz / 131ft (40m)															
Bi-Directional PoE	EVEX4K70	Cat6	1080p@60Hz / 330ft (100m)	18Gbps	HDR10		✓		Auto	PoE				✓	✓	Patented bi-directional PoE technology with digital audio breakout, HDMI loop-out, and IR	
			4K@60Hz / 230ft (70m)														
	EV4K2006	Cat5e/6	4K@60Hz / 164ft (50m)	10.2Gbps	Limited <sup>2</sup>		✓		Auto	PoE						Patented bi-directional PoE technology	
	EVEX2006	Cat5e/6	1080p@60Hz / 164ft (50m)	10.2Gbps			✓		Auto	PoE							
	EVEXKVM3	Cat6	1080p@60Hz / 330ft (100m)	18Gbps	HDR10		✓		Auto	PoE	✓			✓	✓	Patented bi-directional PoE technology Supports 2 USB devices (includes touch screens)	
4K@60Hz / 230ft (70m)																	
EVEXKVM1	Cat5e/6	1080p@60Hz / 164ft (50m)	10.2Gbps					Auto	PoE	✓					Supports 4 USB devices <30ms latency		
Other	EV4K2004	R66	4K@60Hz / 330ft (150m)	18Gbps	Limited <sup>2</sup>		✓		Dynamic							Extends 4K resolutions over a single coax cable	
	EV4KWHDMI	Wireless	4K@60Hz / 164ft (50m)	18Gbps <sup>1</sup>			✓		Dynamic	PSU both sides				✓		Ultra low latency wireless transition	
USB	Model	Cabling	Extender Distance	Bandwidth	Host Connection	Number of Devices	USB Version	Power	Device Power Allotment	Max Power per Port	Key Features						
	EVEXUSB32	Cat6	131ft (40m)	5Gbps	USB-C	4 3 USB-A & 1 USB-C	USB 3.2 Gen 1	PoH	Up to 5A total	2 x 1.5A & 2 x 1A	HDBASET-USB3 solution						
		Cat6A	230ft (70m)														
	EVEXUSB2	Cat5e	330ft (100m)	480Mbps	USB-A	4 All USB-A	USB 2.0 High Speed	PSU RX only	Up to 2A total	550mA	Length able to be extended further using network switch						
Cat6		492ft (150m)															

<sup>1</sup>Passes content supported by 18Gbps using lossless compression

<sup>2</sup>Supports 4K@60Hz, 4:2:0, HDR10