



Vanco International LLC Confidential

## EVOLUTION HDMI EXTENDERS

	Model	Cabling	Resolution and Max Distance	Bandwidth	HDR	Ethernet	IR	RS232	EDID	POH/POC/P OE	KVM	CEC	ARC
Patented Bi-directional PoE Family of Extenders	EVEX2006	Cat5e/6	<a href="#">1080p@60Hz, 164ft/50m</a>	10.2Gbps	No	x	✓	x	Auto EDID	PoE	x	x	x
	EV4K2006	Cat5e/6	<a href="#">4K@60Hz, 164ft/50m</a>	10.2Gbps	Limited**	x	✓	x	Auto EDID	PoE	x	x	x
	EVEXKVM1	Cat5e/6	<a href="#">1080p@60Hz, 164ft/50m</a>	10.2Gbps	No	x	x	x	Auto EDID	PoE	✓	x	x
	EVEX4K70	Cat6	<a href="#">1080p@60Hz, 330ft/100m</a> <a href="#">4K@60Hz, 230ft/70m</a>	18Gbps	HDR10	x	✓	x	Auto EDID	PoE	x	x	x
	EVEXKVM3	Cat6	<a href="#">1080p@60Hz, 330ft/100m</a> <a href="#">4K@60Hz, 230ft/70m</a>	18Gbps	HDR10	x	x	x	Auto EDID	PoE	✓	x	x
HDBaseT Extenders	EVEXHDB1	Cat5e/6	<a href="#">1080p@60Hz, 230ft/70m</a> <a href="#">4K@60Hz, 131ft/40m</a>	10.2Gbps	No	x	✓	✓	Dynamic	PoC	x	✓	✓
	EVEXHDB2	Cat5e/6	<a href="#">1080p@60Hz, 330ft/100m</a> <a href="#">4K@60Hz, 230ft/70m</a>	18Gbps*	Full	✓	✓	✓	Dynamic	PoH	x	✓	x
	EVEXHDB3	Cat6	<a href="#">Uncompressed 4K@60Hz, 330ft/100m</a>	18Gbps	Full	✓	✓	✓	Dynamic	PoH	✓	✓	✓
	EVEX4K50	Cat5e/6	<a href="#">1080p@60Hz, 230ft/70m</a> <a href="#">4K@60Hz, 164ft/50m</a>	18Gbps*	Full	x	✓	✓	Dynamic	PoC	x	✓	x
	EVEXKVM2	Cat5e/6	<a href="#">4K@60Hz, 230ft/70m</a>	10.2Gbps	Limited**	x	✓	x	Dynamic	PoC	✓	x	x
	EVEXARC1	Cat5e/6	<a href="#">1080p@60Hz, 164ft/50m</a>	10.2Gbps	No	x	✓	x	Dynamic	PoC	x	✓	✓
	EVEXHDARC	Cat5e/6 Shielded Cat6	<a href="#">1080p@60Hz, 435ft/150m</a> <a href="#">4K@60Hz, 330ft/100m</a>	10.2Gbps	No	✓	✓	✓	Dynamic	PoC	x	✓	✓
HDMI over Fiber	EVEXFBR1	Multi-Mode Fiber (OM3) Single Mode Fiber	<a href="#">4K@60Hz, 984ft/300m</a> <a href="#">4K@60Hz, 6.2mi/10km</a>	18Gbps	Limited**	x	✓	✓	Dynamic	x	x	x	x
	EVEXFBRK1	Multi-Mode Fiber (OM3) Single Mode Fiber	<a href="#">4K@60Hz, 984ft/300m</a> <a href="#">4K@60Hz, 6.2mi/10km</a>	18Gbps	Limited**	x	✓	✓	Dynamic	x	✓	x	x
	EVEX2004	RG59 RG6	<a href="#">1080p@60Hz, 164ft/50m</a> <a href="#">1080p@60Hz, 394ft/120m</a>	10.2Gbps	No	x	✓	x	Manual	x	x	x	x
HDMI over Coax	EV4K2004	RG6	<a href="#">4K@60Hz, 330ft/100m</a>	18Gbps	Limited**	x	✓	x	Dynamic	x	x	x	x

\*= passes content supported by 18Gbps using virtually lossless compression

\*\*= 4K@60Hz, 4:2:0, HDR10

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