

MPN: VL120016R

# HDMI Extender slim 4K with IR + RS-232 control, Receiver, 70m

VL120016R is a mini-size HDBaseT Extender receiver, supporting 1080P/ 4K signal transmission up to 131ft (40m), 1080P signal up to 230ft (70m) over single CAT5e/6 cable. VL120016 supports CEC, bidirectional RS232 & IR control, and one way-directional PoH function.



Note:  
Not compatible with HDBaseT splitter VLHDBSP1X4V2

- Support up to 4K@60Hz 4:2:0 video signal transmission
- Max transmission distance is 4K 131ft (40m) and 1080P 230ft (70m) over single CAT5e/CAT6 cable
- High Bandwidth: 10.2Gbps
- Compliant with HDMI & HDCP1.4
- Use HDBaseT technology for extended capability and reliability
- Support ARC
- Bi-directional IR pass-through

## Specifications

Features	3D	Yes
	Bandwidth	10.2 Gbit/s
	Cable types supported	Cat5e, Cat6
	CEC pass-through	Yes
	Consumer Electronics Control (CEC) support	Yes
	HDBaseT certified	Yes
	HDCP & EDID bypass	Yes
	HDCP pass-through	Yes
	IR pass-through	Yes
	LED indicators	Yes
	Maximum resolution	4096x2160 Pixels
	Maximum transfer distance	70 m
	Product colour	Black
	Remote control type	IR + RS232
	RS-232 pass-through	Yes
	Supported video modes	3840p
	Type	AV receiver
	Wall mountable	Yes
Operational conditions	Operating relative humidity (H-H)	10 - 90 procent
	Operating temperature (T-T)	-20 - 70 °C
Package dimensions (verified)	Depth Verified	15.1 cm
	Gross Weight Verified	0.308 kg

Package dimensions (verified)	Height Verified	8.1 cm
	Width Verified	15.2 cm
Packaging content	AC adapter included	Yes
	Included power plug types	EU, GB
	IR blaster included	No
	IR receiver included	No
	Mounting brackets included	Yes
Ports & interfaces	3.5 mm (1/8-inch) in	Yes
	3.5 mm (1/8-inch) out	Yes
	Connectivity technology	Wired
	DC-in jack	Yes
	HDMI in	1
	HDMI version	1.4
	Number of HDMI outputs	1
	Remote (IR) input	1
	Remote (IR) output	1
	RJ-45 input ports	1
	RS-232 input ports	1
	RS-232 output ports	1
	Serial interface type	RS-232
	Serial ports quantity	1
	Video in	1
	Video out	1
Power	AC input frequency	50 / 60 Hz
	AC input voltage	100 - 240 V
	External power adapter	Yes
	Operating voltage	24 V
	Output current	1.25 A
	Power consumption (receiver) (max)	11 Watt
	Power over Ethernet (PoE)	Yes
Product dimensions	Net Weight (Product, kg)	0.208 kg
	Product Depth	8.4 cm
	Product Height	1.62 cm
	Product Width	11.5 cm
Technical details	Audio support	Yes
Vendor information	Brand Name	Vivolink
	Warranty	3 Year(s)

Other images

Input	1 x HDMI (female), 1 x IR (3.5 mini jack), 1 x RS232 (3pin captive screw connector)
Output	1 x HDMI (female), 1 x IR (3.5 mini jack), 1 x RS232 (3pin captive screw connector)
Input	1 x HDMI (female), 1 x IR (3.5 mini jack), 1 x RS232 (3pin captive screw connector)
Output	1 x HDMI (female), 1 x IR (3.5 mini jack), 1 x RS232 (3pin captive screw connector)
Signal	HDMI 1.4 & HDCP 2.2
Standard	HDMI 1.4 & HDCP 2.2
Audio	Digital Audio, Audio transmitted through HDMI
Transmission	1080P@70m, 4K@2K@40m
Distance	0-50°C
Temperature	10% - 90%
Humidity	10% - 90%
Power Supply	Input: 100VAC-240VAC, 50/60Hz Output: DC 24V, 1.25A
Dimension (W*H*D)	W115xH116.2x D84mm
Power Consumption	11W
Weight	0.15Kg (Tx) / 0.15Kg (Rx)

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MONTHS

Free Swap Warranty

Vivolink keeps your system running

If you face any problems with your Vivolink product, we immediately send you a new one. No need to wait for a faulty product to be repaired.

This is part of our Premium Professional Service.

## Recommended accessories



**Vivolink IR-KIT receiver/transmitter**  
MPN: VL120024



**Vivolink HDMI Extender slim 4K with IR + RS-232 control, Transmitter, 70m**  
MPN: VL120016T



**Vivolink Scaler switcher 5x2**  
MPN: VL120000



**Vivolink HDBaseT & Analog Audio Output Card**  
MPN: VL120022-OBT



**Vivolink HDBaseT & Analog Audio Output Card**  
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