

MPN: VL120016T

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

VL120016T is a mini-size HDBaseT Extender transmitter, 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.



- Support up to 4K@30Hz 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

<b>Features</b>	<b>3D</b>	Yes
	<b>Bandwidth</b>	10.2 Gbit/s
	<b>Cable types supported</b>	Cat5e, Cat6
	<b>CEC pass-through</b>	Yes
	<b>Consumer Electronics Control (CEC) support</b>	Yes
	<b>HDBaseT certified</b>	Yes
	<b>HDCP</b>	Yes
	<b>HDCP &amp; EDID bypass</b>	Yes
	<b>HDCP pass-through</b>	Yes
	<b>HDCP version</b>	2.2
	<b>IR pass-through</b>	Yes
	<b>LED indicators</b>	Yes
	<b>Maximum resolution</b>	4096x2160 pixels
	<b>Maximum transfer distance</b>	70 m
	<b>Product colour</b>	Black
	<b>Remote control type</b>	IR
	<b>RS-232 pass-through</b>	Yes
	<b>Supported video modes</b>	1080p
	<b>Type</b>	AV transmitter
	<b>Wall mountable</b>	Yes
<b>Operational conditions</b>	<b>Operating relative humidity (H-H)</b>	10 - 90 %
	<b>Operating temperature (T-T)</b>	0 - 50 °C
<b>Packaging content</b>	<b>AC adapter included</b>	Yes
	<b>Included power plug types</b>	EU, GB

Packaging content	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 output ports	1
	RS-232 input ports	1
	RS-232 output ports	1
	Serial interface type	RS-232
	Serial ports quantity	2
	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 (transmitter) (max)	11 W
	Power over Ethernet (PoE)	Yes
Technical details	Audio support	Yes
Vendor information	Brand Name	Vivolink
	Warranty	5 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 HDDBT (RJ45), 1 x IR (3.5 mini jack), 1 x RS232 (3pin captive screw connector)
Input	1 x HDDBT (RJ45), 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 v. 4 & HDCP 2.2
Standard	
Audio	Digital Audio, Audio transmitted through HDMI
Transmission Distance	1080P@70m, 4K@2K@40m
Temperature	0-50°C
Reference Humidity	10% - 90%
Power Supply	Input: 100VAC-240VAC, 50/60Hz Output: DC 24V, 1.25A
Dimension (W*H*D)	111x51x16.2x D84mm
Power Consumption	11W
Weight	0.15Kg (Tx) / 0.15Kg (Rx)



**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.