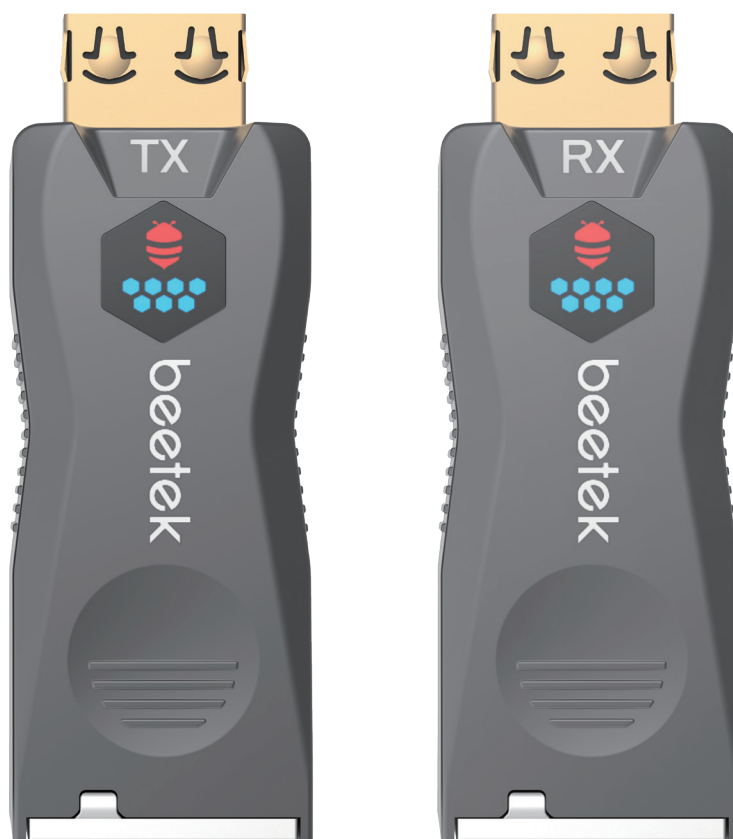
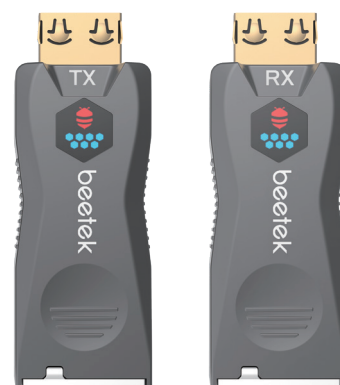




Ultra-compact 4K HDMI 2.0 Fiber Optic Extender

Product Overview

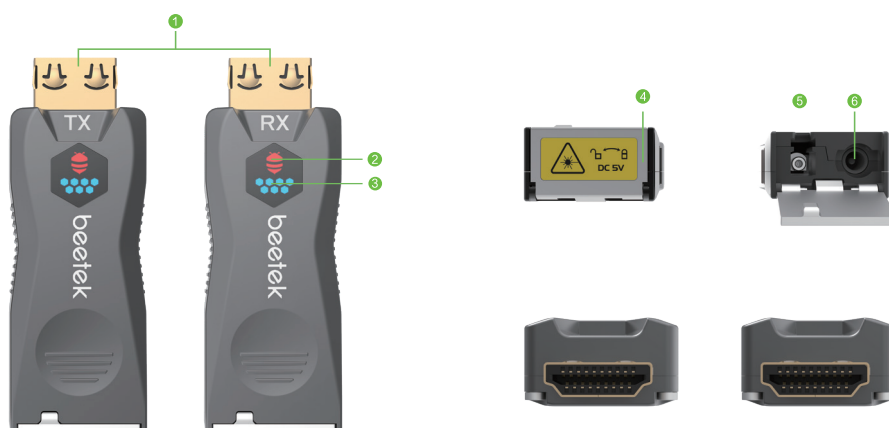
The M1-H20-Lite is an extremely compact HDMI 2.0 optical fiber extender that delivers uncompressed, zero-frame latency 4K60 video up to 300m over one multi-mode LC fiber. With beetek's Plug-Sure HDMI connector giving you a firm grip on connected devices, locking power supplies, and auto-EQ of input signals, all at a very affordable price, it is eager to become your go-to solution for 4K video extension.



Product Features

- Uncompressed, and delay-free high-speed 4k signal transmission.
- Transmission distance of up to 300m over multi-mode fiber using a single LC core.
- Slim and compact design with strong gold-plated HDMI Plug-Sure connectors.
- Automatic equalization of input signals improves signal stability.
- Full-featured HDMI 2.0 supports HDCP, HDR, ARC and CEC.
- Locking power supplies and dust-proof fiber interface latches.
- Transmitter can pull power from source or a USB power supply.

Product Views



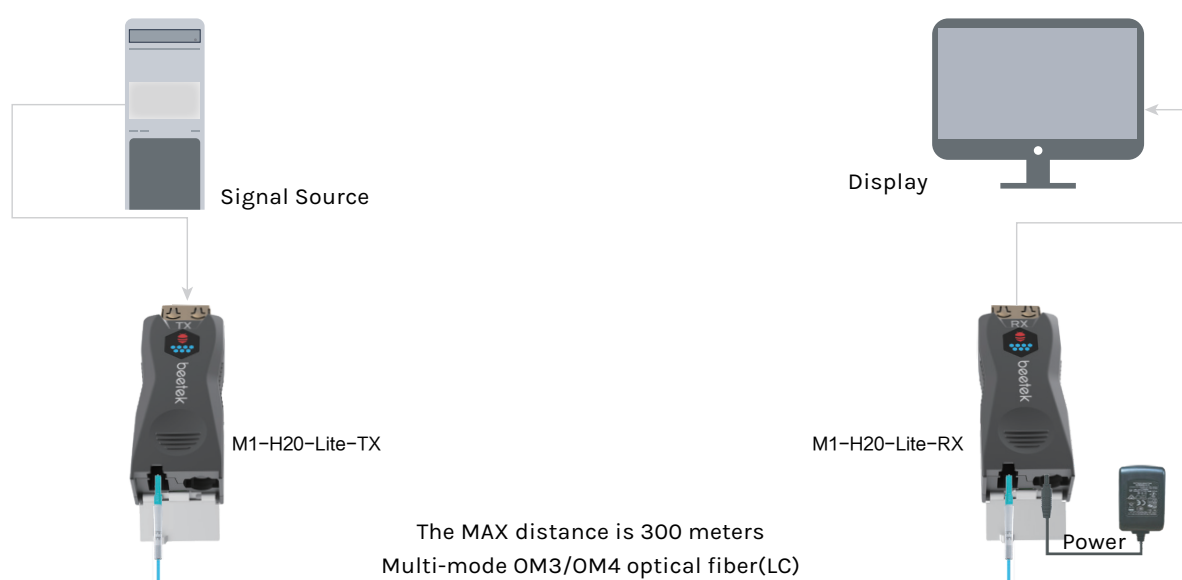
Number	Name
1	HDMI
2	POWER Red LED
3	HPD Blue LED
4	Dust cover
5	LC fiber interface
6	DC 5V power port

Product Specifications

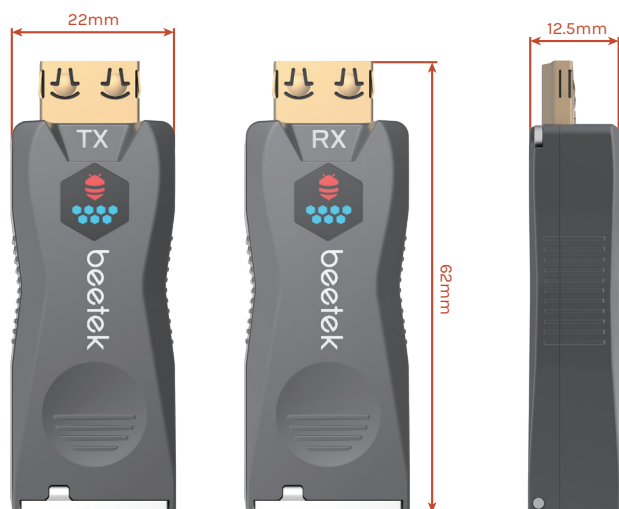
Name	Specifications
Product model	M1-H20-Lite
Input Connector	TX: HDMI ; RX: LC*1
Output Connector	TX: LC-1 ; RX: HDMI
Fiber Interface Dust Prevention	Yes
Fiber Type	Multi-mode OM3/OM4
Indicator LED	Signal, Power 2-in-1 indicator
USB Power	Yes
Power from connector (TX)	Yes
Locking power connector	Yes
Power Consumption	DC 5V 1.2A
Ambient Temp	-40°C~70°C
Material	Metal mold shell
Product size	TX/RX: 62 *22 *12.5mm
DDC	Yes
HDMI Audio	Yes
3D	Yes
CEC	Yes
ARC	Yes
HDCP	Yes
XvYCC Color Space	Yes
Resolution	3840*2160@60Hz
Transmission Distance	300M
Clock Bandwidth	600MHZ*3
Transmission Rate	18Gbps
Balancing Chip	Automatic equalization
Reclocking	Yes
ESD Protection	Yes

Name	Specifications
Hot Plug	Yes
Delay	Zero-frame
Compression	None
Sampling Rate	Bandwidth Range: 8~12bit
Sampling Ratio	RGB 4:4:4, YUV 4:4:4

Application Diagram



Product Size



HDMI 2.0 Multi-mode Fiber Optic Extender

Product size: 【TX/RX】 : 62*22*12.5mm

Product weight: TX: 36.24g ± 0.3g, RX: 36.29g ± 0.3g



Full catalog



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