



# Fiber to 4K HDMI Media Converter

CM-UM-HD01-0006

## Product Description

The Fiber HDMI Extender is designed for long-distance transmission of HDMI signals over optical fiber. It supports HDMI 1.4a standards with HDCP compliance, delivering high-quality video and audio signals across distances up to 80 km over single-mode fiber. Ideal for extending 4K video signals with minimal power consumption, the extender offers reliable performance in professional AV environments.





## Ports Interface

HDMI	1x Female HDMI port
Optical	1x SFP port

## Power

Power Input	5VDC (USB-C Input)
Self Consumption	5W

## Physical Properties

Weight	200g
Case Material	Aluminum
Dimensions (H x D x W)	20mm x 30mm x 80mm

## Technical Specifications

Signal Support	HDMI 1.4a standard HDCP compliant
Video Support	1920x1200 1080p@60Hz 4K@30Hz
Audio Support	Dolby TrueHD, Dolby Digital Plus, DTS, DTS-HD, PCM-2CH
Transmission Distance	Up to 80 KM on single mode fiber
Bandwidth	10.3Gbps
Dynamic EDID	Included

## Environmental Standards

Storage Temperature	-20°C to 85°C
Operating Temperature	-10°C to 60°C
Humidity Tolerance	5% to 90%

**Any questions?**

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**[www.verdelon.com](http://www.verdelon.com)**

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