

Art 20120334

8K HDMI 2.1 Booster Up to 10 Meters

Specifications

Model	VBSTM-K08
Video Input	HDMI 2.1 x 1
Video Output	HDMI 2.1 x 1
MAX. Video Resolution	7680x4320@30Hz (4:4:4) 7680x4320@60Hz (4:4:4) (DSC Enabled)
MAX. Extension Distance	10M (4M+6M) for 8K, and DSC Enabled Resolutions 25M (10M+15M) for 4K@60 (4:4:4) 45M (20M+25M) for 1080P
MAX. Data Rate	48Gbps
LED Indicator	Status LED (Green)
Power Supply	DC 5V (Mini-USB)
Operating Environment	0~40°C, Humidity<80%
Storage Temperature	-20~60°C
Enclosure	Metal
H x W x D (mm)	15 x 47 x 60
Weight (g)	56

*Above video resolution and extension distance are based on a single HDMI cable without cascade.

Features

- Compensates Long HDMI 2.1 Cable Introduced Signal Loss and Allowing Longer Distance Transmission without Compromise :
 - 10M (4M+6M) for 8K, and DSC Enabled Resolutions
 - 25M (10M+15M) for 4K@60Hz
 - 45M (20M+25M) for 1080P
- Compliant with Most HDMI 2.1 Features Including Dynamic HDR, DSC, HFR, VRR, QMS, QFT, ALLM
- Automatic EQ (Sharpness) Adjustment for Optimal Signal Clarity
- HDCP 2.3 / 2.2 / 1.4 Compliant
- Compatible with Most Popular Resolutions to 8K@60Hz (4:4:4)
- Compact Size Allows Installation in Narrow Spaces
- Ideal for Office, Home Entertainment, Digital Signage, Education



Related Products

Model Number	Video Interface	EQ	MAX. Range (@1080P)
VBSTM-K08	HDMI 2.1	Auto	45M (20M+25M)
VBSTM-K06	HDMI 2.0		35M (15M+20M)
VBSTM-K01	HDMI 1.4		25M (10M+15M)
VBSTP-K06	DisplayPort 1.2		30M (15M+15M)
VBSTP-K01		Manual	20M (15M+5M)

Overview

The 8K HDMI 2.1 Booster Up to 10 Meters, VBSTM-K08, Compensates Long HDMI 2.1 Cable Introduced Signal Loss and Allowing Longer Distance Transmission without Compromise.

Connection Pattern



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