HDMI True 4K 4:4:4 Extender

HEXT-100 up to 100m @ 1920x1200

70m @ 4K 3840x2160 4:4:4
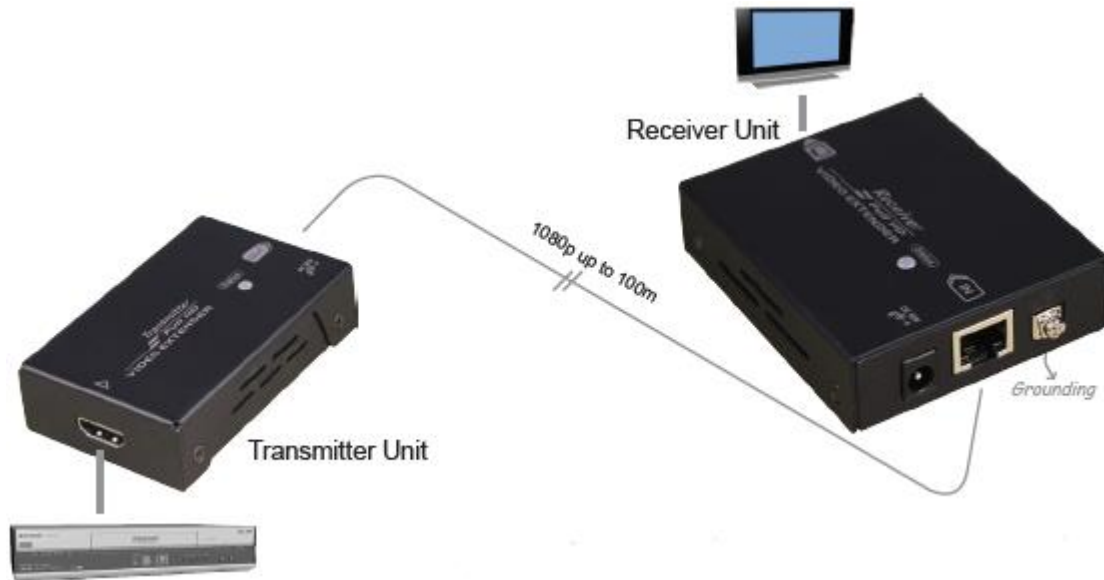

HEXT46-100 Features

This HDMI extender over CAT6/6a/7 allows you to extend your HDMI signal up to 100 metres away using standard, inexpensive CAT 5x cabling.
The HDBaseT technology allows the extension of uncompressed Full HD 1080p or visually lossless 4K2K @ 60Hz 4:4:4 Ultra HD video with embedded digital surround sound audio all over just one single CATx cable.

The unique Phantom Power feature allows for only one AC power adapter to be connected to either the transmitter or receiver.

Features
• Extends your HDMI signal up to 100 metres over a single CAT6/6a/7 UTP cable
• Supports uncompressed Full HD 1080p video up to 100m
• Supports visually lossless 4K2K @ 60Hz 4:4:4 Ultra HD video up to 70m
• Supports uncompressed digital audio
• Supports High Speed HDMI with 3D
• Phantom Power feature - single AC adapter at either transmitter or receiver end - 18v DC
• HDMI resolution : 4K2K@60 :4:4:4, 1440p, 1080p, 1200, 1080i, 720p, 576p, 576i, 480p and 480i
• Deep Colour support
• Audio format support: LPCM, Dolby AC-3, DTS7.1 & DSD
• HDCP version: HDCP 2.2
• Preference for CAT6a 500Mhz CAT7 600Mhz cabling for optimal resolutions and distance

Receiver Unit

1080p up to 100m

Transmitter Unit

Grounding

Model	Transmitter Unit	Receiver Unit
Input → Output	HDMI → RJ45	RJ45 → HDMI
LED (Link / Video status)	x 1 (Dual Color)	x 1 (Dual Color)
Video Resolution (max)	4K Ultra HD 2160p (3840 x 2160) Full HD 1080p (1920 x 1080)	
Extension Distance	100m @ 1080p / 70m @ 4K2K	
Power Supply	DC 18V (Phantom Power)	
Enclosure	Metal	
Weight (g)	195	195
H x W x D (mm)	33 x 102 x 75	33 x 102 x 75

NOTE: Preference for 24AWG solid core CAT6a 500Mhz or CAT7 600Mhz cabling for optimal resolutions and distance with grounded STP over UTP for high EMI or RFI environments.