

CR-uCAT5 DWT

Wall Plate 4K HDBaseT transmitter



CR-uCAT5 DWT

Product overview

CREATOR CR-uCAT5 DWT is a 4K HDBaseT transmitter in wall, was developed to simplify the installation and create a clean seamless look with the decor. Transmission of HDMI signal over single Cat5e/6 cable up to 100m/328ft for 1080p HD video and HD Audio distribution, 70m/230ft for 3840x2160@60 4:2:0 8bit HD video and HD Audio distribution.

CR-uCAT5 DWT offers ideal solutions for homes, offices, digital entertainment centers, control centers, conference rooms, schools and corporate training environments, where require the signal switching between VGA and HDMI sources and transmission over long distances.

Features

- Two inputs switching between HDMI and VGA to an HDBT output
- 4K compatible - 60Hz, 4:2:0
- The HDMI input supports resolutions up to 4K@60Hz 4:2:0 8bit and HDCP for the HDMI signal
- Over a CAT5e / 6 cable, HDMI signal transmission distance up to 70m at 4K and 100m at 1080P
- EDID management for VGA input
- Supports automatic and manual button switch between two input source
- Bi-directional IR / RS 232 pass through
- 2-Gang US Decor wall plate cover included
- Compact size for convenient and unobtrusive installation
- Supports one-way PoH, can be powered by the HDBaseT receivers with PSE (Power Supply Equipment) function
- Compatible with the PRO-MAX series videowall processor, 4K modular matrix switcher and other CREATOR HDBaseT receiver

Specifications

The parameter name		CR-uCAT5 DWT
Input / Output Resolution Support	Video Signal Type	VGA, HDMI
	VGA	1920x1200/1920x1080/1680x1050/1600x1200/1600x900/1400x1050/1440x900/1366x768/1280x1024/1280x800/1280x768/1280x720/1024x768/800x600/640x480@60Hz
	HDMI	3840x2160@24/25/30/50/60Hz, 1080P, 1080i, 720P, 576P, 576i, 480P, 480i;
	Input Video Level	0.5~1.0Vp-p
	Maximum Pixel Clock	297MHz
	Output	1 x HDBaseT
	Output Signal Type	HDBaseT

Specifications

The parameter name		CR-uCAT5 DWT
Audio Format	HDMI	Stereo, LPCM 5.1, LPCM 7.1; Dolby True HD, DTS-HD Master Audio
	VGA	Stereo
General	Operating Temperature	0°C to 45°C (32°F to 113°F)
	Storage Temperature	-20°C to 70°C (-4°F to 158°F)
	Humidity	10% to 90%, non-condensing
	ESD Protection	±8kV(Air-gap discharge)/ ±4kV(Contact discharge)
	Power Consumption (Max)	3.36W, transmitter powers receiver
	Device Dimension (W x H x D)	3.58" x 1.16" x 4.16" (91mm x 29.4mm x 105.6mm)
	Product Weight	0.22kg (0.4lb)
Certification	CE, FCC	
Cable Specification		
Cable Type	Range	Supported Video
CAT5e / CAT6	100m	1080P@60Hz 36 bpp
	70m	1080P@60Hz 48 bpp 1080P@60Hz 3D 3840 x 2160@30Hz 4:4:4 3840x2160@60Hz 4:2:0
CAT6a / CAT7	100m	

Diagram

