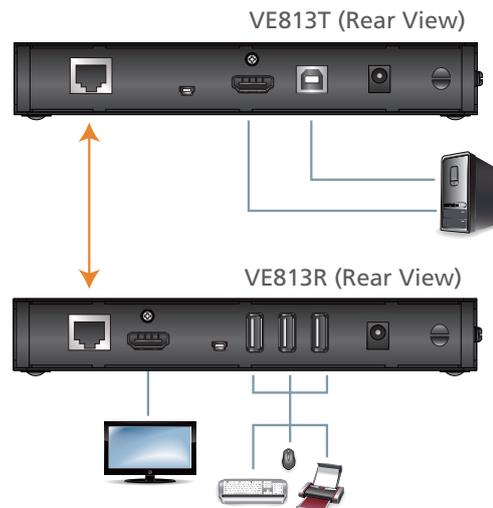# VE813

HDMI HDBaseT Extender with USB

The VE813 HDMI HDBaseT Extender is an HDMI and USB Extender that supports HDBaseT and ExtremeUSB technology. The VE813 can extend an HDMI signal up to 100 meters from the HDMI source using a single Cat 5e/6 cable. The VE813 supports HDMI features such as 3D, Deep Color, 4k2k, CEC and HDCP. It is equipped with USB connectors that provide touch panel control and file transfer functionality. The extender is also great for syncing files and folders between portable and desktop computers. The VE813 is ideal for medical imaging and digital signage.

HDMI™ HIGH DEFINITION MULTIMEDIA INTERFACE   HDBT™ BASE

SUPPORTS 3D   Ultra HD 4kx2k   EXTREME USB®

| A/V In HDMI | A/V Out HDMI | Resolution 1920 x 1200, 1080P | Extension 100 meters |

VE813T (Rear View)

VE813R (Rear View)

Features

- Implements HDBaseT extension technology using only one Cat 5e/6 cable to connect the transmitter and receiver
- Long distance transmission – up to 100 m
- Supports resolutions of up to Ultra HD 4Kx2K and 1080p Full HD
- HDMI (3D, Deep Color, 4Kx2K); HDCP compatible
- Anti-jamming – resists signal interference during high quality video transmissions using HDBaseT technology
- Supports up to 340MHz bandwidth for high performance video
- Signaling rated up to 3.4 Gbits
- ExtremeUSB® Support – supports all USB 2.0 High Speed device
- Supports Dolby True HD and DTS HD Master Audio
- Consumer Electronics Control (CEC)Support
- Built-in 8KV/15KV ESD protection (Contact voltage 8KV; Air voltage 15KV)
- USB 2.0 Support – connects devices such as keyboard, mouse, flash drive, printer, microphone, speakers, USB 1.1 web cameras and other USB devices which require moderate amounts of bandwidth

Note: The VE813 supports USB transfer rates of up to 30 Mbps.

Specification

Function		VE813T	VE813R
Connectors	HDMI IN	1 x HDMI Type A Female (Black)	N/A
	HDMI OUT	N/A	1 x HDMI Type A Female (Black)
	USB	1 x USB Type B Female	3 x USB Type A Female
	Firmware Upgrade	1 x RJ-11 Female (Black)	
	Power	1 x DC Jack (Black)	
	Unit to Unit	1 x RJ-45 Female	
LEDs	Power	1 x Green	
	Link	1 x Green	
	USB	1 x Green	
	Video	1 x Green	
Video		1920x1200 ; 1080P ; 4Kx2K	
Power Consumption		DC 5V, 15 W	
Environment	Operation Temp.	0-50℃	
	Storage Temperature	-20-60℃	
	Humidity	0~80% RH, Non-condensing	
Physical Properties	Housing	Metal	
	Weight	0.61kg	0.60 kg
	Dimensions (L x W x H)	18.20 x 11.61 x 2.87 cm	

Note: For the VE813R, power consumption will be 13.25W when all 3 USB connectors are occupied.