Aten VE883K2 4K HDMI Optical Extender (Transmitter/Receiver) Kit up to 10km over Duplex Fiber Optic Cable

Function	VE883R	VE883T
Video Input		
Interfaces	N/A	1 x HDMI Type A Female (Black)
Impedance	N/A	100 Ω
Max. Distance	N/A	Up to 5 m
Video Output		
Interfaces	1 x HDMI Type A Female (Black)	N/A
Impedance	100 Ω	N/A
Max. Distance	Up to 10 m	N/A
Video		
Max. Data Rate	10.2 Gbps (3.4 Gbps Per Lane)	10.2 Gbps (3.4 Gbps Per Lane)
Max. Pixel Clock	340 MHz	340 MHz
Compliance	HDMI (3D, Deep Color, 4K) HDCP 2.2 Compatible	HDMI (3D, Deep Color, 4K) HDCP 2.2 Compatible
Max. Resolution	4096x2160/3840x2160@60Hz (4:2:0); 4096x2160/3840x2160@30Hz (4:4:4)	4096x2160/3840x2160@60Hz (4:2:0); 4096x2160/3840x2160@30Hz (4:4:4)
Max. Distance	1 x SFP Module (*Note) VE883K1: up to 300m (MM, OM3, Black) VE883K2: up to 10km (SM, Blue)	1 x SFP Module (*Note) VE883K1: up to 300m (MM, OM3, Black) VE883K2: up to 10km (SM, Blue)
Audio		
Input	N/A	1 x Terminal Block, 5 pole (Green)
Output	1 x Terminal Block, 5 pole (Green)	N/A
Connectors		
Unit To Unit	1 x bi-directional SFP (LC)	1 x bi-directional SFP (LC)
Firmware Upgrade	1 x Micro USB (Type B) Female (Black)	1 x Micro USB (Type B) Female (Black)
Power	1 x DC Jack with locking	1 x DC Jack with locking
Fiber Optics		
Data Rate	10.3 Gbps	10.3 Gbps
Wavelength	VE883K1: 850 nm VE883K2: 1310 nm	VE883K1: 850 nm VE883K2: 1310 nm
Fiber Type	VE883K1: Multimode(MM), OM3, LC Duplex Type VE883K2: Singlemode(SM), LC Duplex Type	VE883K1: Multimode(MM), OM3, LC Duplex Type VE883K2: Singlemode(SM), LC Duplex Type
Control		
USB Channel	1 x USB Type A Female (White)	1 x USB Type B Female (White)
RS-232 Channel	1 x Terminal Block, 3 pole (Green)	1 x Terminal Block, 3 pole (Green)
IR Channel	1 x Mini Stereo Jack Female (Black); 30~56 KHz full range transmission	1 x Mini Stereo Jack Female (Black); 30~56 KHz full range transmission
Ethernet Channel	1 x RJ45 Female	1 x RJ45 Female
LEDs		
Power	1 (Green)	1 (Green)
Link	1 (Orange)	1 (Orange)
Video Output	1 (Orange)	N/A
Power Consumption	DC5V:7.05W:33BTU DC5V:6.77W:42BTU	DC5V:7.05W:33BTU DC5V:6.77W:42BTU
Environmental		
Operating	0-40°C	0-40°C

Temperature		
Storage Temperature	-20 - 60°C	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing	0 - 80% RH, Non-Condensing
Physical Properties		
Housing	Metal	Metal
Weight	0.64 kg (1.41 lb)	0.64 kg (1.41 lb)
Dimensions (L x W x H) with bracket	16.94 x 14.69 x 3.00 cm (6.67 x 5.78 x 1.18 in.)	16.94 x 14.69 x 3.00 cm (6.67 x 5.78 x 1.18 in.)
Dimensions (L x W x H) without bracket	16.60 x 12.49 x 2.90 cm (6.54 x 4.92 x 1.14 in.)	16.60 x 12.49 x 2.90 cm (6.54 x 4.92 x 1.14 in.)
Carton Lot	5 pcs	5 pcs
Note	1. Operating distance is approximate. A typical maximum distance may vary depending on factors such as fiber type, bandwidth, connector splicing, losses, modal or chromatic dispersion, environmental factors, and kinks. 2. It is recommended that you use Single Mode fibers that conforms to IEC 60793- 2-50 B1.1 or ITU-T G.652.B specifications; Use Multi Mode fibers that conform to IEC 11801 (OM3) specifications. 3. The Device is class 1 laser product. It meet the safety regulations of IEC-60825, FDA 21 CFR 1040.10, and FDA 21 CFR 1040.11.	1. Operating distance is approximate. A typical maximum distance may vary depending on factors such as fiber type, bandwidth, connector splicing, losses, modal or chromatic dispersion, environmental factors, and kinks. 2. It is recommended that you use Single Mode fibers that conforms to IEC 60793- 2-50 B1.1 or ITU-T G.652.B specifications; Use Multi Mode fibers that conform to IEC 11801 (OM3) specifications. 3. The Device is class 1 laser product. It meet the safety regulations of IEC-60825, FDA 21 CFR 1040.10, and FDA 21 CFR 1040.11.
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	