VDM- 4010/4020
4K Over IP Matrix Encoder (TX)
4K Over IP Matrix Decoder (RX)

VDM-4010

VDM-4020

Product Features

▶ Supports HDCP 1.4

▶ Supports 4K2K@30Hz 4:2:0.

▶ Encoder enables HDMI 1.4 output and separates analog unbalanced 3.5mm audio output.

▶ With TCP/IP structure, the distance of each node can reach at least 100m.

▶ Decoder supports Scaler output more than 10 types of constant frequency output, realizing high compatibility with display equipment.

▶ Supports USB transmission for touch panels, presenters, flash drives, keyboard, mouse, and other devices.

▶ Decoder supports picture overlay on the receiver's displays.

▶ Enables remotely capture the present displays from the transmitter/receiver via TCP/IP.

▶ Equipped with IR two-way transmission.

▶ Equipped with RS232 two-way transmission.

▶ Equipped with 2 sets of 3.3V relay control and 1 set of 3.3V detector.

Hardware Specifications

	VDM-4010	VDM-4020
HDMI (Type A)	IN x 1	OUT x 1
VGA (D-SUB)	IN x 1 OUT x 1	OUT x 1
Audio	3.5mm OUT x1	3.5mm OUT x1
	3.5mm IN x1	3.5mm IN x1
LAN	RJ45 x 1	RJ45 x 1
Fiber Uplink	SFP x 1	SFP x 1
USB Control	Type B x 1	Type A x 4
IR Receiver	LED x1	LED x 1
IR Control	3.5mm x 1	3.5mm x 1
RS-232	3P Euro terminal	3P Euro terminal
5V Output	2P Euro terminal	2P Euro terminal
3.3V Control	3P Euro terminal	3P Euro terminal
Function Key	2P Euro terminal x 2	2P Euro terminal x 2
	Dip Switch x 1	
Power Input	DC 5~19V	DC 5~19V

Physical Specifications

	VDM-4010	VDM-4020
Dimensions (WHD)	238 x 26 x 108 (mm)	238 x 26 x 108 (mm)
Weight	556.5g	556.5g
Storage Temperature	–20°C to +60°C	–20°C to +60°C
Operation Temperature	0°C- to 50°C	0°C- to 50°C

Power Supply

	VDM-4010	VDM-4020
External Power Supply	AC 100-240V	AC 100-240V
Frequency	50-60Hz	50-60Hz
Voltage	DC 12V	DC 12V