

VDM-4010/4020

4K Over IP Matrix Encoder/Decoder



VDM-4010

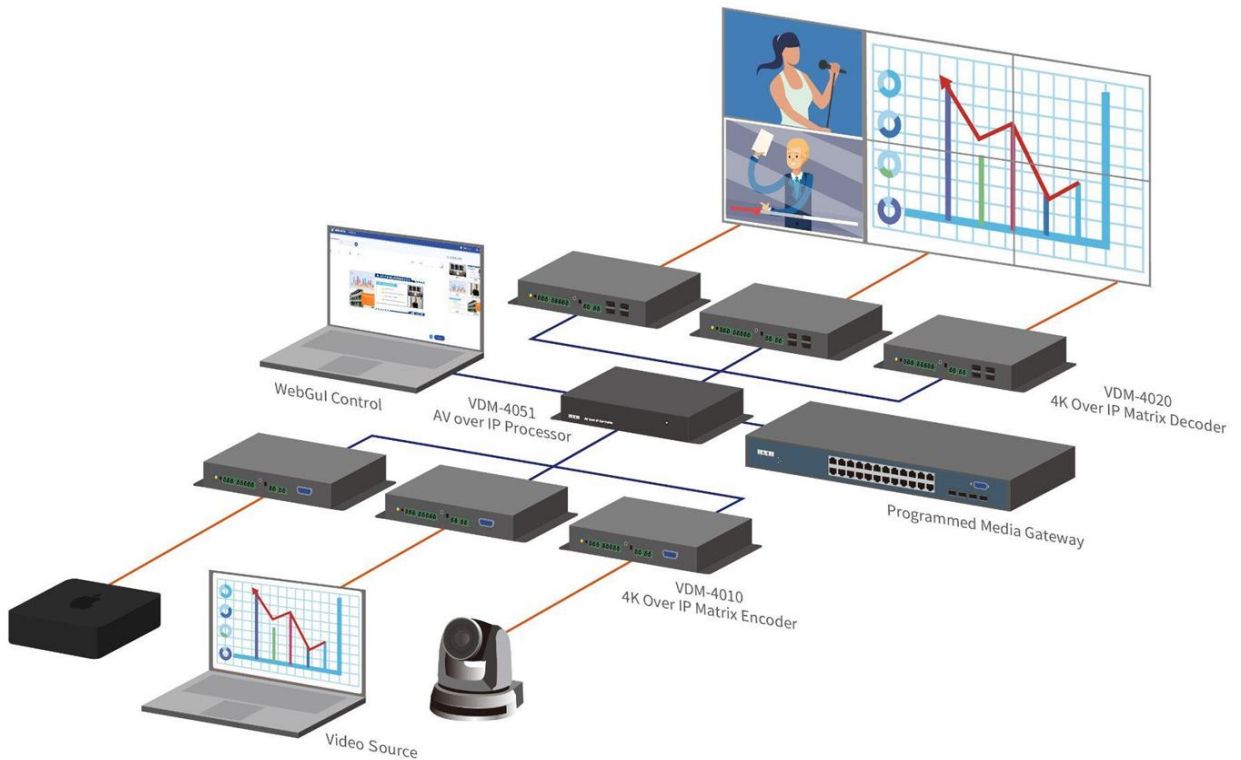


VDM-4020

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 over 100m.
- ▶ Decoder's scaler supports more than 10 types of constant frequency output, highly compatible with display equipment.
- ▶ Encoder equipped with VGA & HDMI inputs: the video inputs can be set with specified-chosen / auto-detect / DIP switching mode.
- ▶ Supports USB transmission for touch panels, presenters, flash drives, keyboard, mouse, and other devices.
- ▶ Decoder supports picture overlay on the receiver's displays.
- ▶ Remotely capture the present displays from the transmitter/receiver via TCP/IP.
- ▶ Equipped with IR two-way transmission.
- ▶ Equipped with RS232 two-way transmission and control.
- ▶ Equipped with 2 sets of 3.3V relay control and 1 set of 3.3V detector.

System Diagram



Specifications

Hardware Specifications

HDMI (Type A)	VDM-401: IN x 1 VDM-402: OUT x 1
VGA (D-SUB)	VDM-401: IN x 1, OUT x 1 VDM-402: OUT x 1
Audio	3.5mm OUT x 1, 3.5mm IN x1
LAN	RJ45 x 1
Fiber Uplink	SFP x 1
USB Control	VDM-4010: Type B x 1 VDM-4020: Type A x 4
IR Receiver	LED x 1
IR Control	3.5mm x 1
RS-232 Control	3P Euro terminal
5V Output	2P Euro terminal
3.3V Control	3P Euro terminal
Function Key	VDM-4010: 2P Euro terminal x 2 VDM-4020: 2P Euro terminal, Dip Switch x 1
Power Input	DC 5~19V

Physical Properties

Dimensions (WHD)	238 x 26 x 108 (mm)
Weight	556.5g
Storage Temperature	-20°C~+60°C
Operation Temperature	0°C~+50°C

Power Supply

External Power Supply	AC100~240V
Frequency	50~60Hz
Voltage	DC 12V
Max. Power of Transformer	12W



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