



▲ VE-30RFM TX Transmitter (Front / Rear)



▲ VE-30RFM RX Receiver (Front / Rear)

VE-30RFM HDMI to RF Matrix Extender is designed to convert HDMI signal to HD digital TV signal based on DVB-T CATV signal, it uses 64QAM mode to realize the HD digital TV signal conversion and transmit via coaxial cables for long distance.

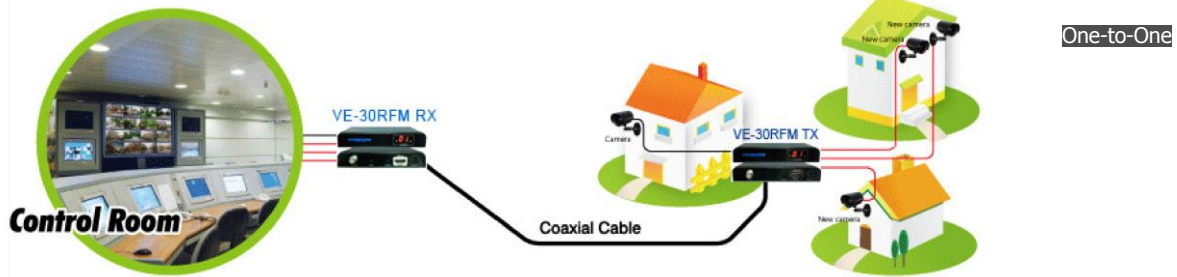
With the advantages of good image quality, strong resistance to interference and hundreds channels available. It's easy to build one-to-multi or multi-to-multi media matrix through extender, can be widely applied in CCTV, outer large screen, shopping mall advertisement, media education and digital KVM fields etc.

To solve problems such as image pixilated, distortion, and transfer failure. Apply to commercial ads on screen walls, automatic industry digital board, medical facilities, the system to supervise and control multimedia education etc. In order to deal with the demand of digital media signal's long distance transmission. The system is designed by RF transfer, providing more flexible choice for installation and operation.

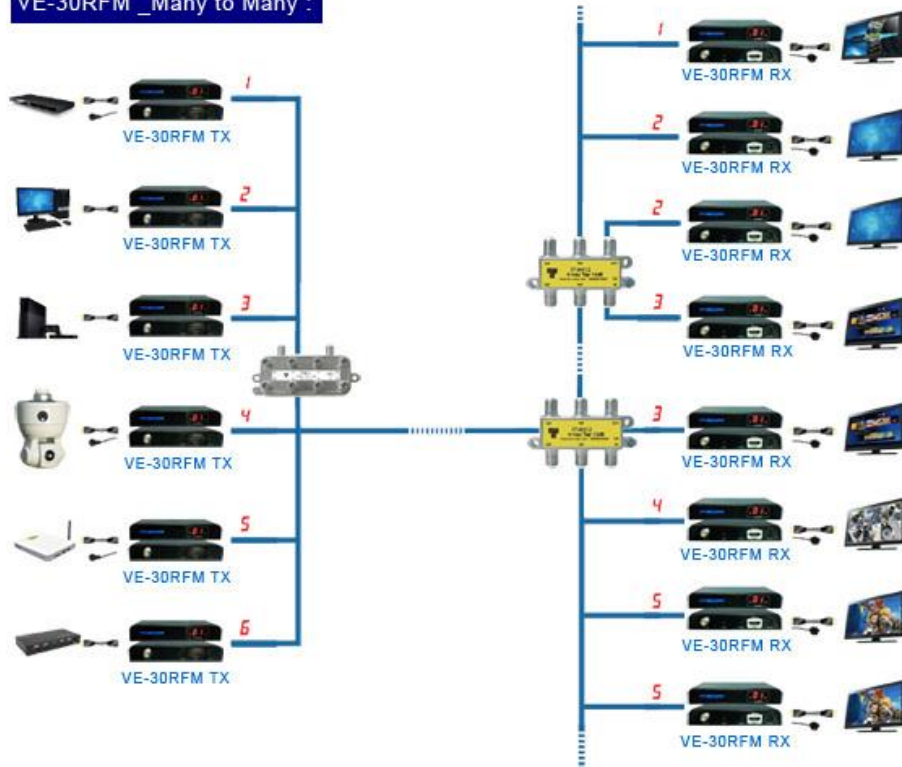
Features

- External hardware, no need to install other software or driver, satisfied to different places.
- It can extend HDMI signal through a 75Ω coaxial cable or better coaxial cable between transmitter and receiver.
- Both transmitter and receiver have LED indicator (Blue in the front, LINK indicator in rear). There is "OSD" gauge on the end of monitor, making a perfect state of connecting system.
- Image signal adjust automatically –According to the distance, the video signal can adjust automatically When the using cable shorter than 100m, it needs to connect an attenuator at least 20dB in series to get image output.
- Support HDMI and DVI transfer interface.
- Support HDCP.
- Support 36-bit Deep Color.
- Support VGA (640×480) ~ WUXGA (1920×1200) PC resolution.
- Support 480i ~ 1080p TV resolution.
- The longest support distance of HDMI input/output is 5 meters
- Transmission distance up to 700 meters by SYV-75-5 coaxial cable and no need amplification
- Connect CATV distributor or CATV coaxial cable. Operated by panel monitor and button, the extender can connect 100 transmitters and 237 receivers at the same time. Makes matrix and connection easier than before.
- Fit on every LCD monitor/LCD TV/PDP/Projector, can be used in every occasion.

Application: Different connection ways



VE-30RFM _ Many to Many :



Specification

Function	Transfer signal/ Transmission channel	HDMI signal / 1
	Transfer distance	300 ~ 700 M RG 6 coaxial cable
	Power supply Voltage / consumed power	Transmitter: DC 5V 1A / 3.5W, Receiver: DC 5V 1A / 3W
HDMI function	HDMI / HDCP Version	HDMI 1.3 / HDCP 1.2
	HDMI Resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50 / 60Hz, 1080i@50 / 60Hz, 1080p@50 / 60Hz
	Image encoding	H.264
	Audio encoding	MPEG2
	Input/output TMDS / DDC signal	0.5 1.5 Vp-p (TMDS) / 5 Vp-p (TTL)
	Input /Output cable length	≤ 5 M AWG26 HDMI 1.3 cable
RF interface	RF Interface	75Ω F Connector
	Coaxial cable	RG6, RG7, RG11 etc.
	RF range / Effective byte rate / Delay time	100~1000 MHz / 31.6 M bits (Max) / 500ms
	Insertion consumption / TX RF output power	<2 dBm / +0 dBm
Operate environment	Working temperature / Storage temperature / Humidity	0~50 / -10~70 / 0~90% (not solidified)
Dimension	L×W×H / Weight	13x6.8x2.4 cm / Transmitter:168 g, Receiver:168 g
	Material / Color	Aluminous + ABS + High luminance panel / Black

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