

USER MANUAL

VHDI-WIR050M-PC

HDMI wireless Extender



Our 50M WHDI HDMI wireless transmission enable wireless transmission of uncompressed video/audio from any HDMI video source such as PC/HDTV to display devices includes HDTV,HD monitor Over the 5Ghz band with very low latency.

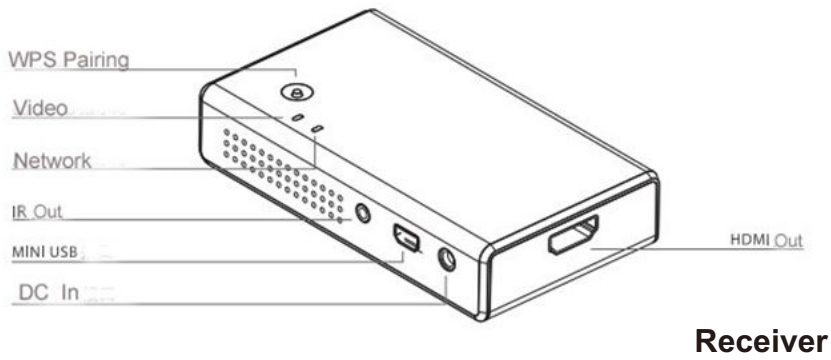
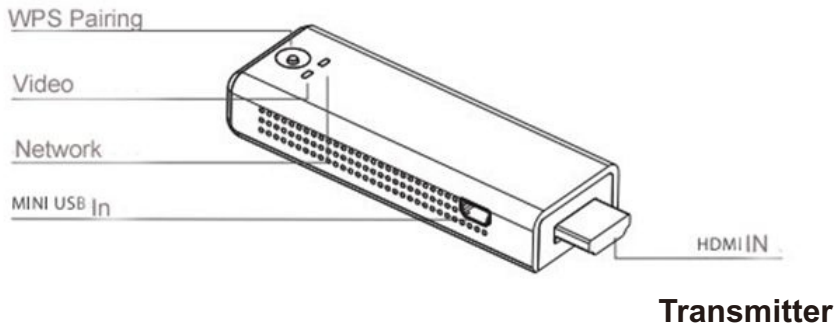
WHDI wireless transmission does not require any special configuration or software driver installation . Simply connect the transmitter to the HDMI output of the video source and the receiver to the HDMI input of the Panel/TV/ Monitor . Our device is really plug and play design .

Our device is widely applied to family entertainment , office presentation, lecture, education ,medical treatment ,party , conference ect.

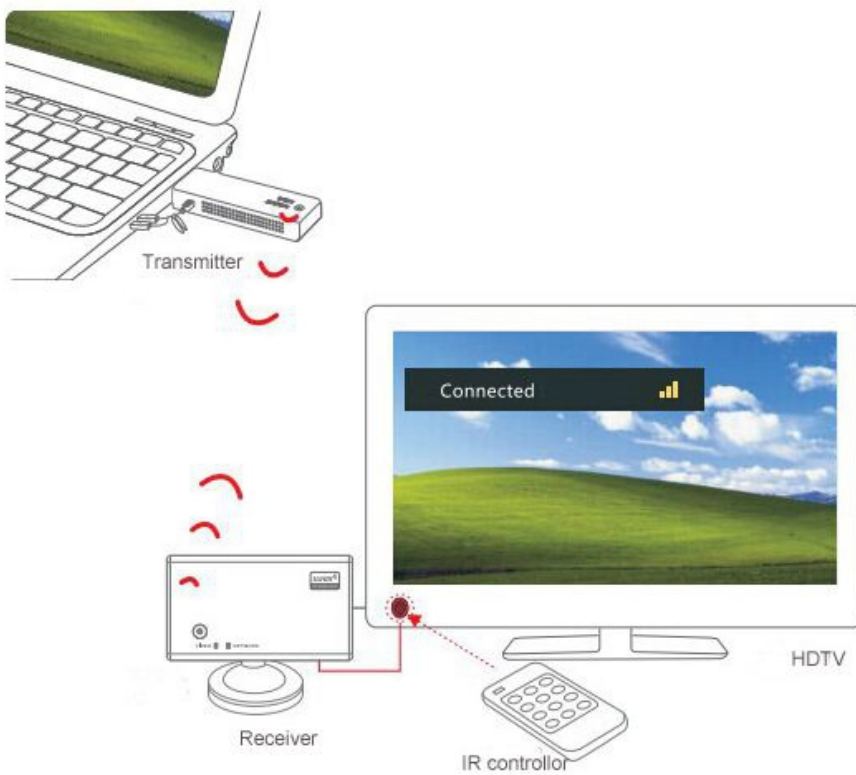
Features

- * Apply real-time ,uncompressed wireless high definition transmission technology Called WHDI
- * Support HDMI single wireless transmission upto 50meter
- * Support P2P and Multipoint to point mode
- * Support Full HD resolution like 1080p60hz
- * Support Blue-ray DVD,Media player, IPTV, Notebook PC, Desk PC, PS3 game machine ect with HDMI output interface device.
- * Support RX end's USB remote control and operation, Support TX end 's USB powered
- * Support 38khz IR control signal output
- * Compliance to EDID 1.1 and HDMI1.3 , HDMI1.4 3D (custom),WHDI1.0 standard
- * Support AES128/256 image encryption technology
- * Apply plug and play design to easily install and use

Parts and function:



Application



Technical Specification :

Item	VHDI-WIR050M-PC HDMI wireless Extender
Available Frequency	Free frequency:5.15-5.25 ,5.25-5.85Ghz DFS frequency :5.25-5.35 ,5.47-5.725Ghz
Transmission Power	14dbm
Receiving Sensitivity	<- 70dBm
Antenna	4x1 ,3dBm Built-in Antenna
Bandwidth	40mHZ
Modulation Mode	OFDM16QAM (Forward channel) OOK (Postback channel)
Data rate	Forward channel :3Gbps
Network Mode	P2P, P2 multipoint
Video Format	480p,576p,720p, 1080i ,1080p PC :VGA (640X480),SVGA (800X600), XGA(1024X768),UGA (1600X1200) Panel : 854x800 ,1280x768 ,1366x768 ,1920x1080
S/NR	>23db@(-60<Rx Pin<45)dBm
Audio Format	PCM, ACC, Dolby digital 2.0/5.1 , DTS5.1 ,LPCM5.1/7.1
Wireless Transmission Distance	50M
Mini USB	Transmitter :USB powered Receiver :Connected keyboard or mouse
HDMI standard	HDMI1.3, HDCP1.2
LED Indicator	Network or video
Input and output Interface	HDMI in/out socket IR in / output USB in/out DC in WPS pairing button LED indicators
Power Supply	DC5V,2A
Size	TX: 98x29x14.5mm RX: 103x56x15mm
Work temperature	0°C~80°C
Storage temperature	-20°C~40°C