

AWV001

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Rev. : 0



Features

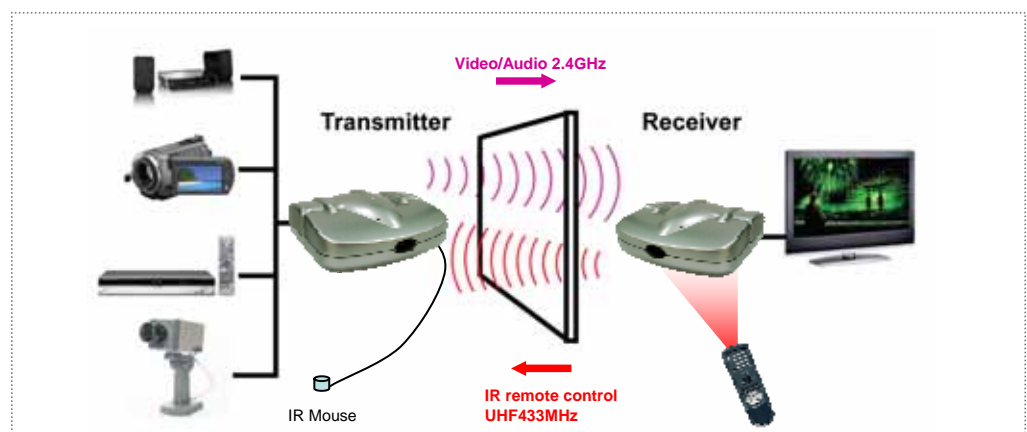
- 2.4 GHz wireless transmitter and receiver with 4 selectable channels.
- Transmitting and receiving of crisp video and hi-fi stereo even through walls.
- Long transmission range up to 400 feet clear line-of-sight.
- NTSC/PAL video format available.
- Built-in IR remote extender for extending control range of IR remotes up to 100 feet even through walls.

Description

The AWV001 video sender sports a new industrial design with a hidden omni-directional antenna. It consists of one transmitter and one or multiple receivers. The input and output ports can be optionally RCA or SCART. This device transmits vivid video and hi-fi stereo sound from a VCR、TV set、LD、DVD、VCD、Satellite Receiver or cable set top box to any TV or monitor. It can also be used in conjunction with a camcorder or CCD camera and turns into a wireless security monitoring system. As to the transmission capability, the signal can go up to 400 feet clear line-of-sight and even penetrate through walls. With the built-in IR remote extender, it allows the user to remotely control the audio/video sources in the other rooms. In addition, four user selectable channels allow multiple transmitters to multiple receivers operation in the same area. All these advanced features will make your home life amazingly convenient and joyful.

Applications

- Simultaneous viewing of video programs on a 2nd TV/monitor without wires.
- Wireless transmission of hi-fi stereo to any active speaker.
- Remotes monitoring of live video from a camcorder or CCD camera.
- Local area broadcasting of audio/video programs for multiple viewers even in different rooms.



Accessory

- | | |
|---------------------|----|
| •AC/DC adaptor | x2 |
| •RCA or SCART cable | x2 |
| •User manual | x1 |
| •IR mouse | x1 |

Housing color option

- Dark Gray (standard)
- Light Gray (optional)
- White (optional)



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General SPEC:

Frequency Range	2400 ~ 2483MHz
Channel Selection	PLL Synthesizer 4CH
Video/Audio Mod/Demod. Type.	FM-FM
Antenna Type.	Internal Omni-directional Dipole
Video Polarity	Negative
Supply Voltage	DC +9V
DC IN Jack	5.5mm
Power On Indicator	LED, Green
Channel Selector	Slider switch
Built-In IR Remote Extender	Yes
Operating Frequency	418MHz (USA); 433.92MHz(Europe)
IR Extender Mod./ Demod. Type.	ASK

Transmitter SPEC:

Supply Current	90mA ,Typ.
Input Port	Scart or RCA A/V Cables
Output Power	1mW(FCC)/10mW(RnTTE)/40mW(Hi power)
IR Extender Receiver	
Receiving Sensitivity	-95dBm,min
IR Carrier Frequency	38KHz
Lo Frequency Accuracy	±50KHz
IR Extender Half Angle	± 60° Horizontal
External IR LED Port	Wired IR LED mouse

Receiver SPEC:

Supply Current	180mA(standby), max/255mA (IR TX On), max
Output Port	Scart or RCA A/V Cables
Input Sensitivity	-85dBm, Typ.
Video Output	1VP-P ±0.2V @ 75Ω , Typ.
Video S/N Ratio	40dBm, min (@ -65dBm Input Carrier Level)
Audio Output	3 VP-P±0.3V@10KΩ Typ.
Audio THD	2%, max. @ 1/3 Typical Output Level
Audio S/N Ratio	40dB, min.(50Hz ~ 15KHz) @ -65dBm I/P Carrier Level
IR Extender Transmitter	
RF Output Power	1mW (FCC)/10mW (R&TTE)
IR Receiver module carrier freq.	38KHz
IR Sensor Operation Range	7 Meters, typ.
IR Sensor Half Angle	± 45° Horizontal



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