

2.4GHz A/V Sender Series

Description



SPECIFICATION

[AWV365T](#)

[AWV366R](#)



The 2.4GHz wireless video/audio sender consists of one transmitter and one or multiple receivers. This device transmits wirelessly 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 light-of-sight and even penetrate wall. Four user-selectable channels allows multiple transmitters to multiple receivers operation in the same area. All these advanced features will make your home life with amazing convenience and joy.

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.

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.

AWV36X TECHNICAL SPECIFICATION

General

Operation Frequency Range

2400~2483 MHz

Channel Selection

PLL, Synthesizer, 4CH.

Video-Audio Modulation/Demodulation Type

FM-FM

Antenna Type

Omni-directional Dipole(365/366/369) SMA
(F) (367/368/370)

Supply Voltage (365/367/369/370)	DC+9V
Supply Current	130mA(1mW/10mW) +/-15mA 180mA(100mW) +/-15mA 450mA(500mW) +/-30mA
RF Output Port Return Loss	10dB,min
Output Power	1mW(美規)/10mW(歐規) 100mW(Hi-power)/500mW(369 Tx)
Video	
Input Impedance	75 Ω,typ.
Input Signal Level	1Vp_p,typ. +/- 1MHz
Modulation (Sine Wave 450KHz,1Vp_p)	
Audio	
Input Impedance	10KΩ
Input Frequency Range	50Hz~20KHz
Input Signal Level (modulation Signal:50Hz~15KHz,Sine Wave)	1Vp-p,max. 美規 3Vp-p,max. 歐規
Subcarrier Frequency	6.0MHz;6.5MHz(369,370 only 6.5MHz)
Subcarrier Frequency Accuracy	+/-50KHz
Subcarrier Power Level (w.r.t Video Carrier)	23dBc,typ. Ch1:2414MHz, CH2:2432MHz,CH3:2450MHz,CH4:2468MHz
Receiver:(366/368)	
Supply Voltage	DC +9V
Supply Current	210mA typ.
Video output	1Vp-p +/- 0.2V@75Ω,Typ
Audio output	0.8Vp-p +/-0.2V (美規) 2.8Vp-p +/-0.2V (歐規)
Input Signal Level Rang	-30dBm~-85dBm