

Ikegami

NEW

5GHz Wireless Video Transmission Module

VW-5



The VW-5 consists of the video source side (VW-5TX) and the display side (VW-5RX) and delivers video and audio using wireless WLAN 802.11a at 5GHz as a media stream, which is a multiplexed and compressed signal, from the VW-5TX to the VW-5RX. It employs WLAN bit rates of 6Mbps, 12Mbps and 24Mbps and video bit rates of 4Mbps, 8Mbps and 14Mbps are supported. It also provides automatic adaptation of video bit rate and WLAN bit rate, or fixed video and WLAN bit rate.

Features

- Transfer speed adaptive capability allows stable image transmission and avoids interruption even in varying reception conditions.
- Automatic hopping function for optimum channel selection up to 4Ch's.
- NTSC/PAL/SECAM automatic recognition and operation function.
- Multiple VW-5RX can be pair linked with one VW-5TX.
(However, LAN link is always one to one, so it prioritizes the first recognized RX communication.)
- Transmit/receive up to approx. 50m (150ft.) in open spaces and 30m (90ft.) in places separated by two typical office/home walls.
- Up to three module sets can be used adjacent.

Specifications

MODEL	VW-5TX	VW-5RX
	Transmission Side	Reception Side
Video		
Video signal	NTSC/PAL/SECAM Auto detection	
Composite input	1.0Vp-p/75 ohms	N/A
Composite output	1.0Vp-p/75 ohms	1.0Vp-p/75 ohms
S-video input	1.0Vp-p/75 ohms(Y), 0.28Vp-p/75 ohms (C)	N/A
S-video output	1.0Vp-p/75 ohms(Y), 0.28Vp-p/75 ohms (C)	1.0Vp-p/75 ohms(Y), 0.28Vp-p/75 ohms (C)
Audio input	5.66Vp-p(2.0Vrms)max	N/A
Audio output	2.0Vp-p(0.7Vrms) max	2.0Vp-p(0.7Vrms) max
Compression/Expansion method	MPEG-2	
MPEG bit rate	4/8/14Mbps auto switch	
Infrared Ray Remote Controller		
Signal carrier frequency	38KHz	
In/Out Connector		
Video input	RCA pin (Composite), S Connector	N/A
Video output	RCA pin (Composite), S Connector (Through out)	RCA pin (Composite), S Connector
Audio input	RCA pin L/R	N/A
Audio output	RCA pin L/R (Through out)	RCA pin L/R
IR cable	Mini jack	N/A
Others		
Dimensions	220 (W) x 150 (D) x 45 (H) mm	
Weight	Approx 390g (only main body)	
Power supply (AC adaptor)	AC in : 100 ~ 240V 50/60Hz 1.0A	
	DC in : 12V (+/-5%) 2.5A	
Power consumption	Max. approx. 6.5W	
Environmental operation	Temperature : 0 ~ 40 Degree C	
	Humidity : 20 ~ 80% (No Dew)	
Approved standards	FCC Part 15, CE	

Design and specifications are subject to change without notice.

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