

# CAM~WAVE™

Professional Quality Wireless  
Transmitter and Receiver

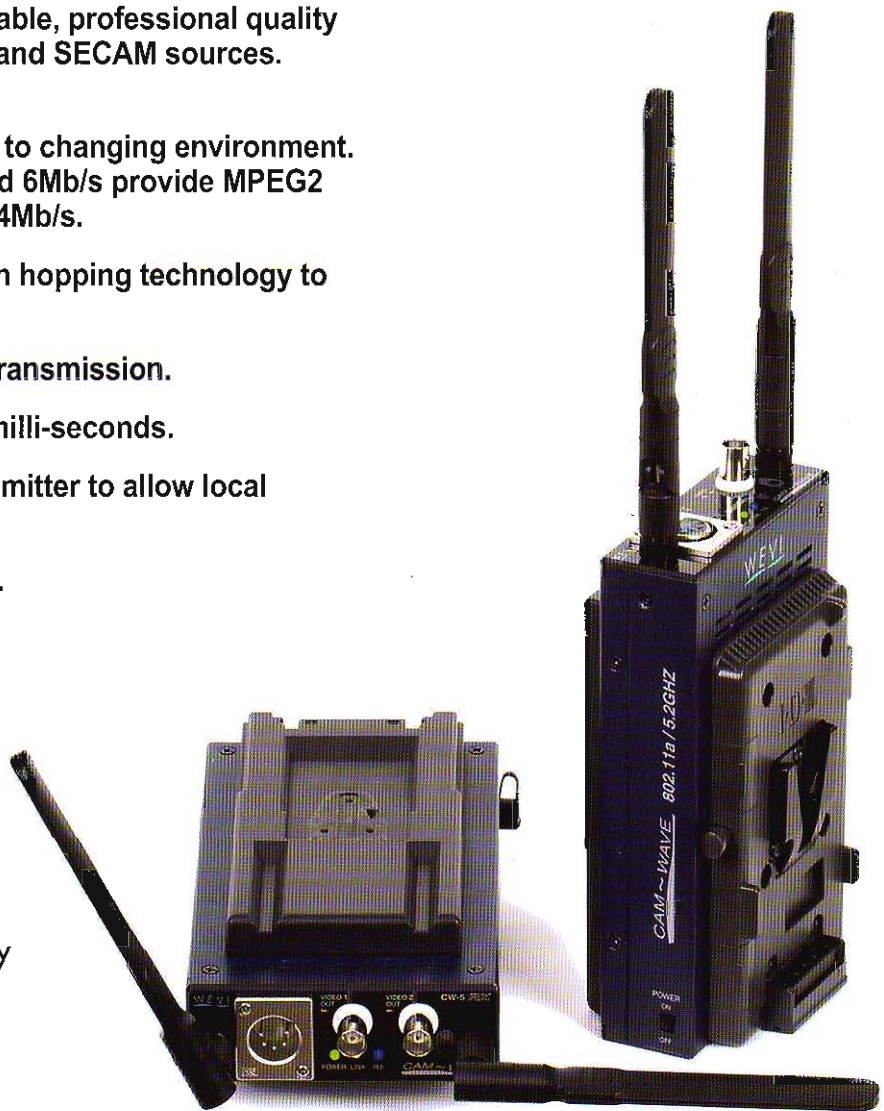


## Camera Mounted 802.11a MPEG-2 Video LAN

- Reliable wireless system provides stable, professional quality audio/video stream from NTSC, PAL and SECAM sources. No license required.
- Auto-adjusting WLAN bit rates adapt to changing environment. WLAN bit rates of 24Mb/s, 12Mb/s and 6Mb/s provide MPEG2 video bit rates of 14Mb/s, 8Mb/s and 4Mb/s.
- Operates in 5.2GHz 802.11a band with hopping technology to reduce interference.
- AES encryption for secure wireless transmission.
- Transmission latency less than 500 milli-seconds.
- Video loop-through provided at transmitter to allow local monitoring.
- Uses IDX ENDURA™ power systems.



Affordable  
Professional Quality  
Wireless System



# ATS

COMMUNICATIONS

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WEVI – A Division of IDX

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# WEVI™



## SPECIFICATIONS

WIRELESS LAN INTERFACE	
Standard	IEEE 802.11a (ARIB STD-T71)
Transmission Method	Orthogonal Frequency Division Multiplexing (OFDM)
Frequency Band	5.2GHz (5.150 – 5.350GHz) 8 Channels – Auto-selection (USA)
WLAN Speed	24 / 12 / 6 Mb/s – Auto-selection
Encryption	AES Encryption
Transmission Power	50mW maximum (USA)
Reception Sensitivity	-74dBmW typical

VIDEO / AUDIO SPECIFICATIONS	
Video Signal	NTSC / PAL / SECAM – Auto-selection
Composite Input / Output	1.0V P-P – 75Ω
Audio Input	0dB 10KΩ, Balanced
Audio Output	0dB <50Ω, Balanced
Compression Expansion Method	MPEG-2
MPEG Bit Rate	14 / 8 / 4 Mb/s – Auto-selection

INFRARED REMOTE CONTROL	
Signal Carrier Frequency	38KHz

INPUT / OUTPUT CONNECTORS	
Video Input – TX – Composite	BNC Female
Video Output – Composite	2 X BNC Female
Audio Input – TX	XLR 5 Pin Female Stereo
Audio Output	XLR 5 Pin Male Stereo
Antenna Connectors	2 X SMA Male 50Ω Reverse
Power Connectors	V-Mount Battery In & Out, Hirose Type 4 Pin Male

GENERAL CHARACTERISTICS	
Size	W: 3.9" (100mm) D: 2.4" (60mm) H: 7.5" (190mm) Incl. V-Mount
Weight	1.59 Lbs (720g) Main Units Only
DC Interface	DC In 11 – 17V V-Mount Battery, 11 – 24V Hirose
Power Consumption	Approx. 11W maximum
Operating Environment	Temp: 32 – 104F (0 – 40C) Humidity: 20 – 80% No Dew
Agency Compliance	FCC Part 15, CE, TELEC

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