

The digital wireless cameras of **DSP** provide wireless transmitting and receiving both a video image of CCTV camera and audio signal. It consists of MAX.4 wireless Camera and 1 receiver.

The products of series can transmit and receive the digital video and audio data Over 5Mbps at the license-free wireless bands (2.4GHz-2.4835GHz). It transmits and receive 30fps of high quality MPEG4 video and ADPCM audio data.

One TX Combo Application



At a result of using Digital Wireless Camera System, you will be totally free from the headache of cabling environment.

- Mobility
- Interference rejection
- Cost Saving
- Saving Time
- No need cabling

4 TX Combo Application



> FEATURES

- MPEG4 video compression
- 2.4GHz wireless mode (up to 5Mbps)
- High quality realtime transmission
- 7 Channel adjustable
- Outstanding security
- Audio compression G.721

2.4GHz Digital Wireless Camera System

Wireless Transmitter Camera

Camera					
Model Type	Mid-Res.	Hi-Res.	Model Type	Mid-Res.	Hi-Res.
Scanning System	NTSC	525 lines 2:1 interlace		BLC	ON or OFF Switch Control
	PAL	625 lines 2:1 interlace		Gamma Correction	0.45
Scanning Frequency	NTSC	15,734Hz(H), 59.4Hz(V)		AES	ON (Electronic Shutter), OFF(DC drive auto init)
	PAL	15,625Hz(H), 50Hz(V)		Flicker less	ON/OFF, ON/NTSC/AES 1/100, PAL/AES 1/120
Effective Pixel	NTSC	512(H) x 492(V)	768(H) x 492(V)	SYNC System	Internal
	PAL	500(H) x 582(V)	752(H) x 582(V)	Lens	DC drive auto init lens / C, CS Mount
Electronic Shutter	NTSC	1/60-1/100,000sec.		Video Output	1.0V _{p-p} 75 Ohm(BNC)
	PAL	1/50-1/100,000sec.		Power Requirement(±10%)	DC12V
Image Device	1/3" SONY CCD		Power Consumption(±10%)	300mA / 3.6W	
Horizontal Resolution	420 TV lines		510 TV lines	Construction	Aluminum with sun-shield weatherproof
Sensitivity	0.2Lux		0.5Lux	Operation Temp.	Working: -10~55°C, Storage: -30~+60°C, Humidity:0~95%RH
Signal to Noise	More than 48dB			Dimension(mm)	118(L) x 58(H) x 50(W)
Gain Control	AGC 0-18dB or 0-25dB, ON /OFF			Weight(N.W)	Approx. 42g
White Balance	Auto 3000-10000°K				
Wireless Transmitter					
Operation System	Embedded Linux		Wireless	Frequency	2.4GHz-2.4835GHz
Video Type	NTSC/PAL			Channels	7
Video Compression	MPEG4			Channel spacing	5MHz
Video Resolution	NTSC: 720x480,360x240, PAL: 720x567,360x288			Output power	10dBm±2dBm
Audio Compression	G.721			Receiver sensitivity	-85dBm
Microphone Input	1 Port			Transmitting Velocity	QPSK,5Mbps (FER 5% and below)
LED	System status / RF status			Distance (2dBi antenna)	QPSK,200m

Wireless Receiver Box

Operation System	Embedded Linux		Wireless	Channel spacing	5MHz
Video Type	NTSC/PAL			Output power	10dBm±2dBm
Video Compression	MPEG4			Receiver sensitivity	-85dBm
Video Output	1 Port			Transmitting Velocity	QPSK,5Mbps (FER 5% and below)
Frame by Second	01 30fps(1CH), CIF 120fps(4CH)			Distance (2dBi antenna)	QPSK,200m
Video Resolution	NTSC: 720x480,360x240, PAL: 720x567,360x288			Control Switch	Channel choice
Audio Compression	G.721		LED	System status / RF status	
Speaker output	1 Port		Power Consumption(±10%)	DC12V / 250mA	
Wireless	Frequency	2.4GHz-2.4835GHz		Dimension(mm)	107(L) x 30(H) x 56(W)
	Channels	7		Weight(N.W)	Approx. 20g