

2.4GHz DIGITAL WIRELESS D1 MODE (OUTDOOR)

WD-DCB11-MS/HS



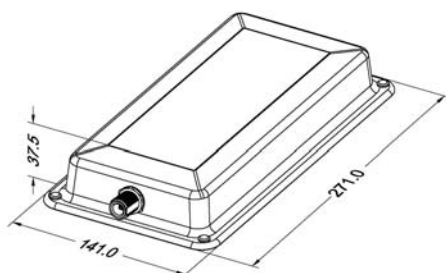
- ▶ MPEG4 video compression
- ▶ 2.4GHz wireless mode (up to 5Mbps)
- ▶ High quality real-time transmission
- ▶ 13 Channel adjustable
- ▶ Outstanding security
- ▶ Built-in IR LED
- ▶ Audio compression G.721
- ▶ Weatherproof protection of the housing-IP66 (Camera)

Wireless RX Box

Wireless TX Camera (Outdoor)

Wireless Transmitter Camera (Outdoor)

MODEL TYPE		Mid-Res.	Hi-Res.
Scanning System	NTSC	525 lines 2:1 interlace	
	PAL	625 lines 2:1 interlace	
Scanning Frequency	NTSC	15,734Hz(H) , 59.4Hz(V)	
	PAL	15,625Hz(H) , 50Hz(V)	
Effective Pixel	NTSC	512(H) x 492(V)	768(H) x 492(V)
	PAL	500(H) x 582(V)	752(H) x 582(V)
Electronic Shutter	NTSC	1/60-1/100,000sec.	
	PAL	1/50-1/100,000sec.	
Image Device	1/3" SONY CCD		
Horizontal Resolution	420 TV lines		540 TV lines
Sensitivity	0.2Lux		0.5Lux
Signal to Noise	More than 48dB		
Gain Control	AGC 0-18dB or 0-26Db, ON /OFF		
White Balance	Auto 3200~10000°K		
Protection Class	IP 66		
BLC	ON or OFF Switch Control		
Gamma Correction	0.45		
AES	ON (Electronic Shutter) , OFF (DC drive auto iris)		
Flicker less	ON/OFF, ON:NTSC AES 1/100, PAL:AES 1/120		
SYNC System	Internal		
Lens	DC drive auto iris lens / C, CS Mount		
IR LED	22 units 850nm infrared LED 400mA / 4.8W		
Power Requirement (+/-10%)	DC12V		
Power Consumption (+/-10%)	300mA / 3.6W		
Construction	Aluminum with sun-shield weatherproof		
Operation Temp.	Working: -10~+55°C, Storage: -30~+60°C, Humidity:0~85%RH		
Dimension(mm)	390(L) x 142(H) x 115(W)		
Weight(N.W)	Approx. 1.96kg		



Wireless Transmitter

Operation System	Embedded Linux	
Video Type	NTSC/PAL	
Video Compression	MPEG4	
Video Resolution	NTSC : 720x480, PAL : 720x567	
Audio Compression	G.721	
Microphone Input	1 Port	
LED Indication	System status / RF status	
Wireless	Frequency	2.4GHz-2.4835GHz
	Channels	13
	Channel Spacing	5MHz
	Output Power	10dBm±2dBm
	Receiver Sensitivity	-85dBm
	Transmitting Velocity	QPSK:5Mbps (FER 5%and below)
	Distance (11dBi antenna)	QPSK:800m

Wireless Receiver

Operation System	Embedded Linux	
Video Type	NTSC/PAL	
Video Compression	MPEG4	
Video Output	1.0 Vp-p 75 Ohm (BNC)	
Frame by Second	D1 30fps(1CH)	
Video Resolution	NTSC : 720x480 , PAL : 720x567	
Audio Compression	G.721	
Audio output	1 Port	
Wireless	Frequency	2.4GHz-2.4835GHz
	Channels	13
	Channel Spacing	5MHz
	Output Power	10dBm±2dBm
	Receiver Sensitivity	-85dBm
	Transmitting Velocity	QPSK:5Mbps (FER 5%and below)
	Distance (11dBi antenna)	QPSK:800m
Control Switch	Channel choice	
LED Indication	System status/RF status	
Power Adapter (+/-10%)	DC12V / 250mA	
Dimension(mm)	107(L) x 30(H) x 96(W)	
Weight(N.W)	Approx. 0.55kg	