

5.8GHZ WIRELESS CAMERA

A 10x10 grid of plus signs, arranged in 10 rows and 10 columns, forming a large plus sign pattern.

KW5229 USER MANUAL



1.Contents:

1. One Camera
2. One 3dBi Antenna
3. One User Manual

2.Channel Selection

Each camera must be placed on a separate 5.8GHz wireless channel by selecting the proper DIP switch configuration outlined in the table below. For best results place wireless cameras on every other channel. For example, for a typical wireless camera setup place camera one on channel 1, camera two on channel 3, camera three on channel 5, and so on. You can utilize up to 7 channels.

There is a 4 lever DIP switch located inside the wireless camera. Please unscrew the two screws located on the top of the camera casing and remove the camera sun shield. To open the camera housing remove the two screws on the left side of the camera casing that provide a weather proof seal. Please be sure to properly tighten these cameras when reassembling the camera after you are done.

Open the camera casing and locate the DIP switch seated behind the board camera module and set the camera to one of the 7 available wireless channels based on the DIP switch configuration listed in the table below. Please configure the wireless receiver to the same wireless channel by setting the same DIP switch settings as the camera you configured above.

	DIP 1	DIP 2	DIP 3	DIP 4
CH 1	ON	ON	ON	ON
CH 2	OFF	ON	ON	ON
CH 3	ON	OFF	ON	ON
CH 4	OFF	OFF	ON	ON
CH 5	ON	ON	OFF	ON
CH 6	OFF	ON	OFF	ON
CH 7	ON	OFF	OFF	ON

Wireless Camera Specifications:

Item	KW5229
Frequency Range	5745-5865MHz
Channel Mode	7 CH Manual Switch
Antenna	5.8GHz Omni-Direction Antenna Gain 3dBi
Video-Audio Modulation	FM-FM
RF Impedance	50Ω
Pixels	NTSC: 512x492, PAL: 512x580
H. Sync. Frequency	NTSC: 15.734KHz, PAL: 15.625KHz
V. Sync. Frequency	NTSC: 59.94KHz, PAL: 50Hz
Synchronization	Internal
Resolution	420 TV Lines or 520TV Lines 1/3" SONY CCD
Sensitivity	0 Lux (IR on)
IR Range	30M
Back Light Compensation	Auto
Auto Iris	Range: 1/60(1/50) ~ 1/100,000sec.
Gain Control	Auto
Lens (F2.0)	12m/m
Gamma Correction	0.45
S/N Ratio	More than 48dB (AGC off)
Power Supply	AC100V-240V / DC12V, 2A
Operation Temperature	-20°C~70°C

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.