

CAMERA USER MANUAL

Image Device	1/3" CMOS PC1089	
TV System	PAL	NTSC
Effective Pixels	728x488 pixels	
Sensing Area	4.6228mmx3.6112mm	
Scanning System	2:1 Interlace	
Sync. System	Internal	
Horizontal Sync Frequency	15.625 kHz	15.734 kHz
Vertical Sync Frequency	50 Hz	60 Hz
Video Output	1.0Vp-p, 75Ohm	
Gamma Consumption	0.45	
AGC	Auto	
S/N Ratio	Better than 48dB	
White Balance	Auto	
Electronic Shutter	Auto:1/60(NTSC)/1/50(PAL)~1/100,000 Seconds	
BLC	Auto	
Operation Frequency:	2400-2483.5MHZ	
Line of Sight Range:	120M	
Receiving Sensitivity:	-89dBm	
Video Codec:	MPEG4	
Frame Rate:	PAL: 25f/s NTSC: 30f/s	
Output Power:	17dBm	
Spread SPECTRUM:	FHSS	
Delay:	120ms	
RF Bit Rate:	4Mbps	
Operating Temperature	-20°C ~ 70°C, RH95%MAX.	
Storage Temperature	-30°C ~ 80°C, RH95%MAX.	
Minimum Illumination	0Lux	
Power Supply	DC10~32V	
Night vision distance	<input type="checkbox"/> 8~10m	<input type="checkbox"/> 12~15m
Waterproof rating	IP69K	
Audio	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Viewing Angle	<input type="checkbox"/> 120°	<input type="checkbox"/> 92°

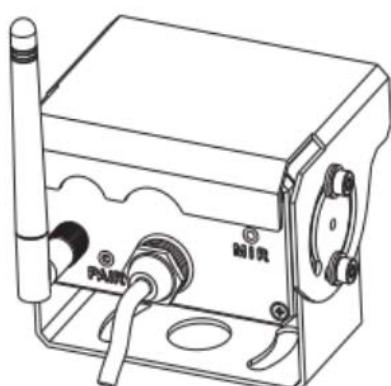
Auto pairing:

1. Choose the channel that needs to be set up, and the monitor display the message "PAIRING START 50" and a counter that counts down 50s.
2. Within the countdown, power the camera.
3. The monitor and cameras will synchronize themselves with each other after the camera is powered for 5s.

For successful auto pairing, the picture appears. If pairing is unsuccessful, the monitor displays the message "No Signal". Repeat the pairing procedure. **Manually pairing:**

1. Choose the channel that needs to be set up, and the monitor display the message "PAIRING START 50" and a counter that counts down 50s.
2. Press the pairing button on the power-on camera.
3. The monitor and cameras will synchronize themselves with each other.

For successful auto pairing, the picture appears. If pairing is unsuccessful, the monitor displays the message "No Signal". Repeat the pairing procedure.



FCC Statement:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: Modifications to this product will void the user's authority to operate this equipment.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.