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## GENERAL

# CAMERA USER MANUAL

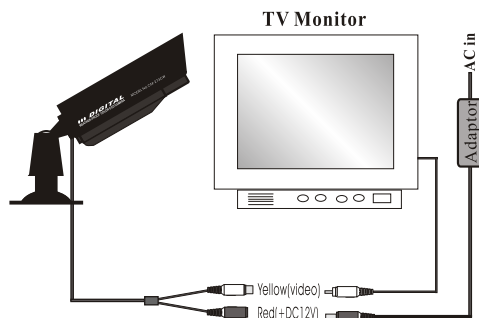
Model No. **DPC-4210M**

## PRODUCTS LINE

**Micro Pinhole Day~Night Camera | 420-Line  
f4.3mm pinhole lens, 12VDC  
Built-in Microphone, Power Indicator**



## CONNECTION



## CAUTION

1. Please use the camera in the right limits of assigned voltage and current. Recommend to use a regulated DC12V power supply with camera for best picture and for safe operation of the unit. Unregulated DC12V power supply usually provides around 17-20V after loaded and can cause a damage of the camera.
2. **Except for waterproof camera**, do not expose the camera to rain or moisture. Do not try to operate the camera in wet area. Moisture can damage the camera and create the danger of electric shock.
3. Do not operate the camera beyond its temperature humidity or power source ratings. Do not use the camera under conditions where temperatures are between 14F~122F (-10~+50) and humidity is below 85% for the correct power supply refer to the specification sheet.

### 3. Please use a suitable monitor

Recommend to use the camera with the monitor which has the standard video input impedance lever of 75ohms. If in any case your monitor is set to high impedance mode, please switch the monitor standard impedance position. If the monitor do not have the impedance adjust switch, please ask us or choose a camera suitable for your monitor.

### 3. Do not attempt to disassemble the camera, There are no user serviceable parts inside. Refer service to qualified service personal.

### 4. Do not aim the camera to the sun or strong light. It may cause a smear on the picture when the camera is face to the sun or spot light or light reflecting object directly.

### 7. Do not use strong or abrasive detergents when cleaning the camera body.

### 8. Do not remove the serial printing for warranty service.

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## ◆◆ SPECIFICATION

	COLOR
Signal format	PAL/NTSC
Image Sensor	1/4 inch Sony CCD
Effective Pixels	510(H)x492(V)-NTSC 500(H)x582(V)-PAL
Scanning System	NTSC : 525 Lines, 60 Field/Sec, PAL: 625 Lines, 50 Field/Sec
Sync System	Internal Synchronization
Resolution	420TVL
S/N ratio	More than 46dB (AGC Off)
Gamma Characteristic	0.45
Illumination Sensitivity	0.5 Lux (D:0.5lux, N:0.05lux)
Gain Control	Auto (standard camera is manual)
B. L. C.	Auto (standard camera is manual)
White Balance	Auto (standard camera is manual)
Electronic Shutter Speed	NTSC: 1/60 - 1/100,000 Sec, PAL: 1/50 - 1/100,000 Second,Auto
Video Output	1Vpk-pk, 75 ohms
Power supply	DC12V±10%
Operating Temperature	-10℃~+50℃
Storage Temperature	-20℃~+60℃

