



WP-380-IR Camera Users Manual and Installation Instructions

I. General

The WP-380-IR series of cameras contain a CCD camera in a stylish and attractive waterproof housing. WP-380-IR series uses a high sensitive 1/3" color interline transfer CCD sensor with low lux performance.

II. Precautions

- Do not expose the camera to humidity and dust. If the camera is mounted outdoor, a camera housing is required.
- Handle with care. This camera consists of high sensitive parts. Do not disassemble it or place it on an unstable base.
- Do not touch the surface of CCD sensor by hand directly. When the camera is not in use, put the cover cap on the lens.
- Never face the camera toward the sun.
- Use N.D. filter when the light intensity is very high, in order to protect the sensitive CCD sensor.
- Use proper power source otherwise the camera will not function correctly. Operate on DC +12V (Use a regulated power source only).

III. Installation Instructions

1. Connect the camera with the mounting bracket (supplied).
2. Reassemble the weatherproof cover with the camera.
3. Connect the BNC connector of the camera to a monitor or other video device through a 75 ohm type coaxial cable with BNC female connector at cable extension.
4. Connect the DC+12V regulated power source of the camera (DC Jack) to the DC12V power-in jack with 2mm, center+ outer- plug.
5. Our factory settings is for you to get the best image within 3~5 Meters

Notes:

(A)Make wiring connections only after it has been determined that power has been disconnected. Use only a 12VDC power supply for the WP-380-IR series (300 mA minimum recommended).

(B)There is a desiccant pack attached to the housing base under the camera, which is designed to absorb any moisture trapped inside the housing during adjustment. To avoid excessive moisture build up, it is recommended that the camera not be installed in rainy or excessively damp conditions. It is also advisable to limit the number of times the housing cover is removed. The desiccant pack can be replaced if condensation develops inside the housing.



IV. Safety Warning

1. Read manual carefully before installing unit.
2. Never install the camera on a ceiling that cannot hold its weight.
3. Do not install the camera near electric or magnetic fields.
4. Always stop using when the product emits smoke or abnormal heat.
5. Never disassemble the camera nor put impurities in it.
6. Never face camera towards the sun.
7. Keep the power cord away from wet and never touch the power cord with wet

V. Specifications

Pickup device:	1/3" interline transfer CCD
Picture element:	510 x 492 (NTSC) 500 x 582 (PAL)
Horizontal resolution:	380 TV Lines
Sensitivity:	3.6 lux/F=2, 0 lux (IR On)
S/N ratio:	Over 48 dB
Black Light Compensation:	On
Auto Gain Control:	On
Auto White Balance:	Yes
Electronic shutter:	Up to 1/100,000
Gamma correction:	>0.45
Video output:	1.0Vp-p, 75 ohm
Power source:	12VDC \pm 10%, 300mA
Sync. Mode:	Internal Sync.
Lens mount:	board lens f=4.3/F=2.0
Dimension:	50mm OD x 80mm H
Operating temperature:	0°C to +50°C