Specification

Model	SPY-BLTG24N124 & SPY-BLTW24N124
Image Sensor	1/2.9" SONY 2.4MP CMOS Sensor
Resolution	1080P
Signal System	PAL / NTSC
Minimum Illumination	0.001 Lux/F1.2
S/N Ratio	More than 50dB
Synchronous System	Internal
IR Distance	40 Meters (with 14μ x 30 PCS Infrared LED)
IR Power On	Photodiode AUTO Control
Video Output	AHD/CVI/CVBS/TVI
Power/Current	DC12V(+/-10%)/700mA
Lens	2.8-12mm Manual Zoom Lens
Weather Proof	IP66
Dimension (mm)	207(W) x 184(H) x 83(D)
Weight (g)	1400
Operating Conditions	-10~+50℃ RH95% MAX

Accessories list

Name	Number
Camera	1
User Guide	1

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SURVEILLANCE SYSTEMS

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Notes:

Do not attempt to disassemble the camera. If the camera does not work, please contact Spyclops support.

SPYCLOPS™
SURVEILLANCE SYSTEMS

SPY-BLTG24N124 &

SPY-BLTW24N124

Weatherproof IR Camera

Thank you for using Spyclops products.
Before providing power for the camera, please fully read this manual carefully before use.

Spyclops uses the latest technology for imaging sensors and drivers providing premium High Definition picture quality and excellent reliability.

Installation and setup are simple with well thought out housing designs and interfaces intended to make installation with many scenarios easy.

Main Features

› Auto Gain Control (AGC)

Built-in auto gain control **(AGC)** circuit. The color camera can get high definition picture in low light condition.

› Auto Electronic Shutter (AES)

Built-in auto electronic shutter function. The color camera's AES speed can reach **1/100,000**s.

› Gama Characteristic

Camera Gama characteristic is **0.45.**

› Scanning Mode

NTSC or PAL mode.

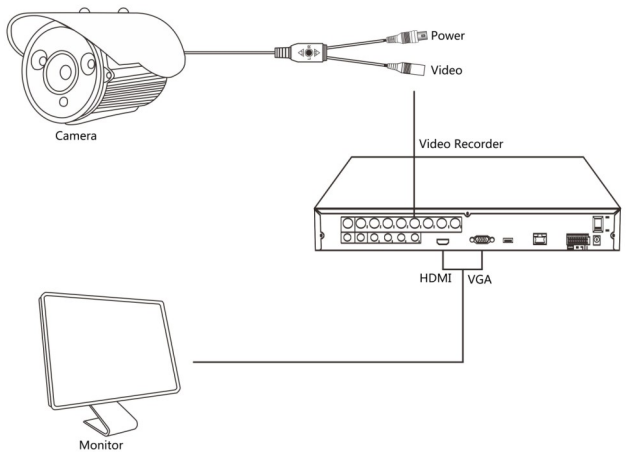
› Switch the output signal by OSD joystick

Press "left" key after 5 seconds then release : CVBS
Press "right" key after 5 seconds then release : TVI
Press "up" key after 5 seconds then release : AHD
Press "down" key after 5 seconds then release : CVI

Note:

- Power supply must pass safety certification ,Its output voltage, current, voltage polarity and operating temperature must match requirement of this equipment.
- Please install lightning protection devices or cut off the power in lightning conditions.
- To capture high-quality video and pictures, please make sure the network connection is stable and smooth.

Device connection



Safety instruction

1.Before using the camera ,please read this manual carefully and keep it safely for later use.
2.Installation should be completed by professional service and follow manufacturer's instructions, do not dismantle without authorization.
3.In order to prevent sensor damage do not expose lens to intense light sources for long periods of time.
4.Do not touch sensor directly. Please cover the dustproof cover when the camera is not being used.
5.Please use a dry soft cloth to clean the camera. If dirt difficult to clean, use detergent with water and wipe the camera dry.
6.Do not install camera under air conditioning's air gate ,or else lens will blur with condensation of moisture.
7.Please ensure that all electric power sources are turned off when not open , installation ,clean, etc operation.
8.Please transport, use and store the camera in allowable temperature and humidity rated areas.
9.If the camera is damaged, for example power cord or plug damaged, exposed to liquid or foreign matter falls into camera, etc please contact Spyclops.

Common Problems and Troubleshooting

› No Picture after providing power

May be the power supply voltage abnormity, please check he power supply voltage and pole whether exactitude.
Please check all the connecting cable and monitors whether be connected correctly or not.

› The picture level direction have flowing interference ripples

May be caused by the power supply AC noise ripples, it need filter the wave of the power supply.
Check the monitor and peripheral equipment used.

› The picture background color changes continuously

The fluorescent lamp's electromagnetic field cause color roll. This is normal phenomenon of the cameras.
Reducing the number of fluorescent lamps or increasing the distance between the camera and the fluorescent lamps can improve it.

› The picture appears smeared or grainy

The power supply's voltage unstable.
Connecting cables not connected correctly or have high impedance.

› No picture or B&W during day

Check to make sure you are using the correct output signal that matches your DVR's signal type requirements.

Note:

- Please note the camera's operating temperature and its Installed environment requirement. Avoid using the camera at too high or too low temperatures. The operating temperature is -30~+60℃. (Recommendatory operating temperature is -10~+50℃.)
- Do not mount the camera near a direct heat source.