

INSTRUCTION MANUAL

3 Axis 500TVL FIXED DOME CAMERA



VL644DC



Color NTSC/PAL High Resolution Camera

FEATURES

- Compact and light weight 3 Axis design
- Excellent color reproduction
- Fixed lens built in for easy installation and adjustment
- Manual 360 degrees rotation & pan / tilt mechanism
- Can be installed on a wall or a ceiling
- Video cable with BNC included
- Max. 90mA Lower Power Consumption

PRECAUTIONS

1. Do not attempt to disassemble the camera.
2. To prevent electric shock, do not remove screws or cover. There are no user-serviceable parts inside.
3. Handle the camera with care.
Do not abuse the camera. Avoid striking or shaking it. The camera could be damaged by improper handling or storage.
4. Never face the camera toward the sun.
5. Use caution when operating the camera in the vicinity of bright lights or light reflecting objects.
6. Do not operate the camera beyond its temperature, humidity or power source ratings.
7. Do not use the camera in an extreme environment where high temperature or high humidity exists.
8. Do not touch the sensor directly with your fingers. If necessary, use soft cloth moistened with alcohol to wipe off the dust.
9. When the camera is not in use, keep the lens cap on to protect the sensor.

INSTALLATION

Remove the dome cover from the mounting base by rotating the dome cover clockwise.

Adjust the camera viewing angle by first tilting then rotating the camera module. Turn the horizontal adjustment ring to correct the image and to achieve proper orientation.

Once the installation is complete, replace the dome cover over the camera and tighten it by turning counterclockwise.

Connect the video output to the monitor or other video device through a 75 Ohms type coaxial cable and the DC-Jack or AC/ DC-Terminator to the power source.

SPECIFICATIONS

Video Process	IT Chip
Effective Picture Element (HxV)	752x582
Resolution	500 Horizontal TV Lines
Minimum Illumination	0.1 Lux @F=1.2
S/N Ratio	50 dB
Electronic Shutter	Auto., NTSC: 1/60 ~ 1/100,000 Sec.; PAL: 1/50 ~ 1/110,000 Sec.
Gain Control	Automatic Gain Control
Sync System	Internal
Gamma Compensation	0.45
Video Output	1.0Vpp, 75 ohm Unbalanced
Back Light Compensation	Automatic Back Light Compensation
White Balance	Automatic White Balance
ATW Range	2500°K – 9500°K
Power Range	DC12V ±10%
Power Consumption	Max. 90mA
Operation Temperature	-14°F to ~ +122°F Less than 80% R.H.
Lens Type	Fixed Lens 3.6 mm

Note. Specification subject to change without notice



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