



INSTRUCTION MANUAL

VL644K / VL644KW

3 Axis 1000 TVL 3.6mm Fixed Dome Camera **CE**



200 New Highway, Amityville, NY 11701

631-957-8700 • 1-800-645-5516

www.specotech.com

FEATURES

- Compact and light weight 3 Axis design
- 1000 TV Lines
- Multi Language OSD (On Screen Display) Menu Control on Cable
- D/N Mode – Auto / BW / Color / Ext
- Different Mode of AWB, 2D Noise Reduction, WDR, HLC, Mask Area, De-fog
- 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

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. Improper handling or storage could damage the camera.
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 counter clockwise.

Connect the video output to the monitor or other video device through a 75 Ohms type coaxial cable and the DC-Jack to a 12VDC power source.

SPECIFICATIONS

| | |
|---------------------------------|--|
| Image Pick-up Device | Super High Resolution 1/3" Image Sensor |
| Effective Picture (HxV) | 1280 (H) x 960 (V) |
| Horizontal Resolution | 1000 TVL |
| Day to Night Illumination (EDN) | Auto / BW / Color / EXT |
| S/N Ratio | > 50dB |
| Gamma Correction | 0.45 |
| OSD | OSD on Cable |
| AGC Gain | Low / Middle / High |
| Auto White Balance | ATW / Push / Anti CR / Lock / Manual |
| Backlight Compensation | Off / DWDR / HLC / BLC |
| Electronic Shutter | ES: 1/60 (1/50) ~ 1/100,000 Sec. |
| DNR | 2 D |
| Mirror | On / Off |
| Motion | On / Off |
| Privacy | On / Off |
| BPC (Bad Pixel Compensation) | On / Off |
| DEFOG | On / Off |
| Synchronous System | Internal |
| Video Output | 1 Vp-p Composite Video Output / 75 Ohm BNC |
| Lens Type | Megapixel 3.6 mm Fixed Lens Built in (4.3/6.0/8.0 mm Optional) |
| Power Supply | DC 12V ± 10% |
| Operating Temp. | -10°C to 50°C |
| Camera Dimensions | 87(Dia.) x 53(H) mm |

Specifications are subject to change without prior notice.