

# COR-557I

## OUTDOOR IR VANDAL RESISTANT DOME

This mini outdoor dome camera is packed with features. Foremost to users is its sharp 480-line TV resolution image. Image quality is further enhanced by digital noise reduction and signal filtering features courtesy of the Nextgen chipset.

### STROBE Deterrent LED

High visibility white light LED strobes every 2 seconds to indicate camera location and power-on status. This can be used as a crime deterrent and to increase awareness of your business at night. This feature can be turned off by the user.



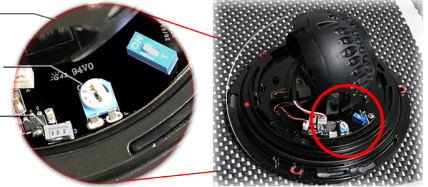
### Strobe Control, IR Intensity Adjust and Test Monitor Connector

Remove the dome and the metal cover to access these controls.

Strobe LED - on/off

Infrared light intensity - turn this control with a flat-blade screwdriver to increase or decrease IR light intensity.

Test monitor connector - use the adapter cable (provided) to connect to this point and use a portable test monitor to check aim and focus without leaving the ladder/scaffold.



Extra-IR Range feature. Works in IR mode only. Objects in IR range appear as sharp, high-contrast b/w images. Objects outside of IR range (approx. 30') can be seen in standard contrast color, depending on starlight, moonlight, or other ambient light if available.

The image signal processor (ISP) outputs CVBS or S-Video data format after receiving color filter array (CFA) patterns from color-interlaced CCD sensor, which is processed through an internal encoder and DAC. For providing stable color reproduction, it has basic functions like auto exposure (AE) and auto white balance (AWB). It provides an OSD menu that lets users configure all major functions including infrared behavior, horizontal mirror view, lens shading correction, motion detection, privacy masking and more.

### Tamper Resistant Features

Constructed with public placement in mind, this camera has several features making it difficult to vandalize or disable.

Screws on base require a special tool.

Acrylic dome is designed to withstand impacts and hard blows.

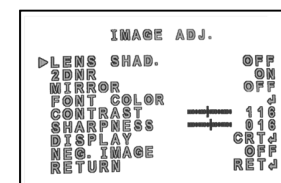
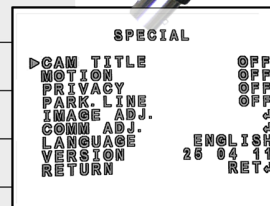
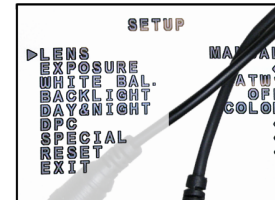
Conical base is hard to grip and is made of hardened aluminum.



### OSD Menu & Mini-Joystick

To use the OSD menu, click and move the mini-joystick (located on the video cable as shown at right).

The OSD menu contains dozens of settings. A full explanation of all settings can be found in the manual included with the camera.



### General Specifications

VIDEO SENSOR	1/3" color CCD
RESOLUTION	480+ TV lines, greater than 379K effective pixels
CHIPSET	Advanced architecture with OSD menu and Digital Signal Processing (DSP)
LENS	Precision ground glass, 3.6mm fixed focus
VIDEO FORMAT	NTSC (PAL format optional - special order)
MIN. ILLUMINATION	0.0 LUX with Infrared ON
IMAGE PROTECTION	WDR, AWB, BLC, AGC, AES and more can be configured using the OSD menu.
SHUTTER	Automatic exposure correction using AES, 1/50th - 1/100000 second.
INFRARED SYSTEM	Automatic, 28 IR LEDs (850nm), up to 30' range with on-board intensity adjustment
POWER	12VDC with built-in over-voltage tolerance, drawing up to 350mA (with IR ON), nominal.
CASE	Hardened aluminum alloy base with tough, optically clear acrylic dome.
DIMENSIONS	6.25" wide at base, 4.5" tall
VANDAL RES.	Tough metal construction, dome built to withstand heavy blows, protected cable routing.
OSD Menu	Selectable through mini-joystick. Options include address code, gain control, electronic shutter, backlight compensation, digital zoom, focus control, privacy masking, more. See supplemental material on-line or contact your local sales representatives.

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