

V662-D High-Resolution Analog WDR Camera



Lens not included

- 650 TV lines
- Super Wide Dynamic Range
- Built-in Video Analytics
- 3D Digital Noise Reduction
- EHLIC (Excessive High Light Compensation)
- Privacy masking
- Frame Rate control
- On-screen menus with innovative joystick control make setup and operation easy
- 0.4 lux color; 0.04 lux BW

Outstanding Performance and Value

The V662-D High-Resolution, Wide Dynamic Range camera offers a durable fixed camera that offers superior resolution of 650 TV lines, to provide high-quality images. The extended wide dynamic range is ideal for difficult lighting situations. The camera has a 1/3-inch Sony® Super HAD™II PS 960H CCD.

The V662-D is lightweight and compact enabling it to be mounted in a variety of locations where space is at a premium. The C/CS lens mount offers a wide choice of lens options to suit any application. NTSC and PAL versions are available.

The camera is designed for easy installation and setup. The extensive on-screen display menus allow set up of white balance, AGC, backlight

compensation, exposure, titling, privacy masks and many other functions.

Built-in 3D digital noise reduction improves image quality, minimizes video interference and triggering of false alarms and provides a better compression ratio, which decreases storage requirements. WDR improves detail in bright and low light areas of the image. EHLIC reverses the bright spots in a scene to improve exposure of other regions in the scene.

The camera also provides built-in video analytics, which include: tamper detection, motion detection, object removed, counting, line crossing and the ability to set specific areas of the scene for motion detection. The Frame Rate Control function substantially reduces storage in low motion environments by sending the same frame (duplicate) when there is no motion.

Ordering Information

Description	Model Number
High-Resolution, WDR camera. 1/3-inch format, day/night with DNR and 650 TV line resolution. 12 VDC or 24 VAC.	V662-D
High-Resolution, WDR camera. 1/3-inch format, day/night with DNR and 650 TV line resolution. 12 VDC or 24 VAC. PAL	V662-D-P

Camera

Image Device:	1/3-inch Sony Super HADII PS 960H CCD
Picture Elements:	NTSC: 1020 (H) x 508 (V), 518,000 pixels PAL: 1020 (H) x 596 (V), 608,000 pixels
Scanning Frequency:	NTSC: 15.734 KHz (H) x 60 Hz (V) PAL: 15.625 KHz (H) x 50 Hz (V)
Scanning System:	2:1 interlace
Sensitivity:	0.04 fc (0.4 lux) color @ f/1.2 50 IRE 0.004 fc (0.04 lux) B/W @ f/1.2 50 IRE
Video Output:	1.0 V p-p @75 ohms, composite
Horizontal Resolution:	650 TV lines
S/N Ratio:	50 dB (AGC off)
Synchronization:	Internal/Line Lock (Phase Control)
Camera Control:	RS-485
White Balance:	Auto/CRS/Push & Hold/Indoor/Outdoor/FL/User
Exposure:	Auto/Manual Shutter/Flickerless/Low Light Control/Offset Add
Dynamic Range:	x 512 Level Adjustment
Backlight Compensation:	EHLC/AUTO/SPOT/ZONE/BLM
Automatic Gain Control (AGC):	Selectable: Off, Low, Middle, High
Shutter Speed:	NTSC: 1/60-1/100,000 sec PAL: 1/50-1/100,000 sec
Sense Up:	x 32
Digital Zoom:	0-255 zoom. D-PTZ support enables pan and tilt functionality within zoomed scene.
Digital Noise Reduction:	2D NR, 3D NR, Gain Adjust
Privacy Mask:	15 programmable zones (Tilt, Color, Transparency, Mosaic)

Operational

Control Display:	On-screen, menu-driven system allowing full configuration of the camera
Day/Night:	Auto/Day/Night/Ext
Video Analytics:	Zone/Motion and Face Trace/Object Detection/Line Crossing/Counting/Tamper Detection
Titling:	Alpha-numeric character set. 8 characters.
Frame Rate Control:	Auto/Off
Effects:	V-Flip/Mirror/Rotation/Neg or Pos/Freeze/Sharpness

Electrical

Input Voltage:	12 VDC or 24 VAC \pm 10%
Current:	0.38 A @ 12 VDC 0.19 A @ 24 VAC
Power Consumption:	4.5 W
Connectors:	Power: 2-pin connector Video: BNC on pendant cable
Certifications:	UL, FCC, Class A, CE

Mechanical

Application:	Indoor
Dimensions:	Length: 4.6 inches (118.4 mm) Width: 3.1 inches (78.8 mm) Height: 2.5 inches (64 mm)
Weight:	0.57 lb (.26 kg)
Construction:	Aluminum

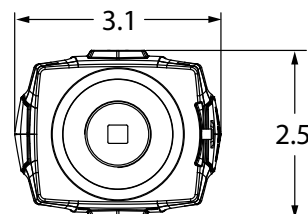
Environmental

Operating Temperature Range:	14 to 122° F (-10 to 50° C)
Operating Humidity Range:	Up to 90% relative, non-condensing

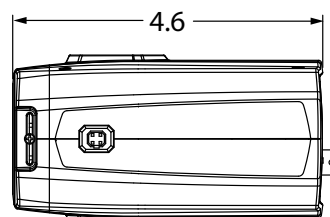
Warranty

3 years parts and labor

Dimensional Data



Front



Side

Data Sheet Number: V232-00

Dated: 04/2011

Vicon Data Sheet Part Number: 8009-7232-00-00

Specifications subject to change without notice.

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