

## V662-D-1 High-Resolution Analog WDR Camera



*Lens not included*

- 700 TV lines
- Super Wide Dynamic Range
- Built-in Motion Detection/Video Analytics
- 2D+3D Digital Noise Reduction
- EHLC (Excessive High Light Compensation)
- Privacy masking
- Frame Rate control
- On-screen menus with innovative joystick control make setup and operation easy
- 0.1 lux color; 0.01 lux BW

### Outstanding Performance and Value

The V662-D-1 High-Resolution, Wide Dynamic Range camera offers a durable fixed camera that offers superior resolution of 700 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-1 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 2D+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. EHLC 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 700 TV line resolution. 12 VDC or 24 VAC.	V662-D-1
High-Resolution, WDR camera. 1/3-inch format, day/night with DNR and 700 TV line resolution. 12 VDC or 24 VAC. PAL	V662-D-1-P

## Camera

<b>Image Device:</b>	1/3-inch Sony Super HADII PS 960H CCD
<b>Picture Elements:</b>	NTSC: 1020 (H) x 508 (V), 518,000 pixels PAL: 1020 (H) x 596 (V), 608,000 pixels
<b>Scanning Frequency:</b>	NTSC: 15.734 KHz (H) x 60 Hz (V) PAL: 15.625 KHz (H) x 50 Hz (V)
<b>Scanning System:</b>	2:1 interlace
<b>Sensitivity:</b>	0.01 fc (0.1 lux) color; 0.001 fc (0.01 lux), BW; 0.00001 fc (0.0001 lux), BW/SenseUp @ f/1.2 50 IRE
<b>Video Output:</b>	1.0 V p-p @75 ohms, composite
<b>Horizontal Resolution:</b>	700 TV lines
<b>S/N Ratio:</b>	50 dB (AGC off)
<b>Synchronization:</b>	Internal/Line Lock (Phase Control)
<b>Camera Control:</b>	Joystick or RS-485
<b>White Balance:</b>	Auto/CRS/Fix/Indoor/Outdoor/ATW range
<b>Exposure:</b>	Auto/Fast Shutter/Shutter Fix/Flickerless/ Low Light Control/UDF
<b>Wide Dynamic Range:</b>	x512 Level Adjustment; 54 dB
<b>Backlight Compensation:</b>	EHLC/AUTO/SPOT
<b>Video Analytics:</b>	Motion, loitering, scene change, unfocus, windy area, zone, line, counting, dTracking
<b>Automatic Gain Control (AGC):</b>	Selectable: Off, Low, Middle, High
<b>Electronic Shutter Speed:</b>	NTSC: 1/60-1/100,000 sec PAL: 1/50-1/100,000 sec
<b>Sense Up:</b>	x256
<b>Digital Zoom:</b>	x4. D-PTZ support enables pan and tilt functionality within zoomed scene.
<b>Dynamic Noise Reduction:</b>	2D + 3D NR, Gain Adjust
<b>Privacy Mask:</b>	10 programmable zones (4-point polygonal, Color, Transparency, Mosaic)
<b>Language:</b>	English, French, German, Spanish, Portuguese

## Operational

<b>Control Display:</b>	On-screen, menu-driven system allowing full configuration of the camera
<b>Day/Night:</b>	Auto/Day/Night/Ext
<b>Video Analytics:</b>	Zone/Motion/Loitering/Line Crossing/ Counting/Abandon/Scene Change/Unfocus/ Windy Area/dTracking
<b>Titling Display:</b>	Alpha-numeric character set. 8 characters. Adjustable location.
<b>Frame Rate Control:</b>	Auto/Off
<b>Digital Image Effects:</b>	V-Flip/Mirror/Rotation/Neg or Pos/Freeze/ Sharpness/i-Freeze

Data Sheet Number: V259-00

Dated: 08/2012

Vicon Data Sheet Part Number: 8009-7259-00-00

Specifications subject to change without notice.

## Electrical

<b>Input Voltage:</b>	12 VDC or 24 VAC $\pm$ 10%
<b>Current:</b>	0.30 A
<b>Power Consumption:</b>	3.5 W
<b>Connectors:</b>	Power: 2-pin connector Video: BNC
<b>Certifications:</b>	UL, FCC, Class A, CE

## Mechanical

<b>Application:</b>	Indoor
<b>Lens Mount:</b>	C/CS
<b>Dimensions:</b>	Length (L): 4.7 inches (118.4 mm) Width (W): 3.1 inches (78.8 mm) Height (H): 2.5 inches (64 mm)
<b>Weight:</b>	0.57 lb (0.26 kg)
<b>Construction:</b>	Aluminum

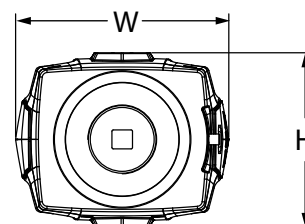
## Environmental

<b>Operating Temperature Range:</b>	14 to 122° F (-10 to 50° C)
<b>Operating Humidity Range:</b>	20% to 80% relative, non-condensing

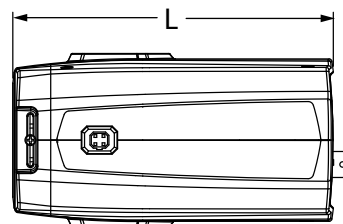
## Warranty

3 years parts and labor

## Dimensional Data



Front



Side

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