

V661-N High-Resolution Analog Day/Night Camera



Lens not included

- 600 TV lines
- 0.1 lux color; 0.04 lux BW
- Day/Night (ICR) capability with digital WDR
- Outstanding low-light performance
- 2D Digital Noise Reduction
- Privacy masking
- On-screen menus with innovative joystick control make setup and operation easy
- HLC (High Light Compensation)

Outstanding Performance and Value

The V661-N High-Resolution, Day/Night camera offers a durable fixed camera that provides superior resolution of 600 TV lines with ICR (Infrared Cut Removable Filter) and digital wide dynamic range capabilities. The camera has a 1/3-inch Sony® Super HAD™II CCD.

The V661-N 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 cameras are 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 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. HLC reverses the bright spots in a scene to improve exposure of other regions in the scene.

The camera provides motion detection, backlight compensation, automatic white balance, automatic gain control titling and privacy masks.

Ordering Information

Description	Model Number
High-Resolution, Day/Night camera. 1/3-inch format, WDR with DNR and 600 TV line resolution. 12 VDC or 24 VAC.	V661-N
High-Resolution, Day/Night camera. 1/3-inch format, WDR with DNR and 600 TV line resolution. 12 VDC or 24 VAC. PAL	V661-N-P

Camera

Image Device:	1/3-inch Sony Super HAD II CCD
Picture Elements:	NTSC: 811 (H) x 508 (V), 410,000 pixels PAL: 795 (H) x 596(V), 470,000 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:	0.01 fc (0.1 lux) color 0.004 fc (0.04 lux) B/W
Video Output:	1.0 V p-p @75 ohms, composite
Horizontal Resolution:	600 TV lines
S/N Ratio:	50 dB (AGC off)
Synchronization:	Internal
White Balance:	ATW1/ATW2/AWC-Set/Manual
Exposure:	Auto/Manual Shutter/Flickerless/AGC
Dynamic Range:	Digital WDR
Backlight Compensation:	Off/BLC/HLC
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
Digital Noise Reduction:	2D DNR
Privacy Mask:	8 programmable zones
Gamma:	CRT/LCD/User (0.5-1.0)
Dead Pixel Compensation:	Auto

Operational

Control Display:	On-screen, menu-driven system allowing full configuration of the camera
Day/Night:	Auto (ICR)/Color/BW
Motion Detection:	On/Off 4 area selectable
Titling:	Alpha-numeric character set. 8 characters.
Effects:	Mirror/Neg or Pos/Sharpness/Contrast

Electrical

Input Voltage:	12 VDC or 24 VAC \pm 10%
Current:	0.21 A @ 12 VDC 0.1 A @ 24 VAC
Power Consumption:	2.5 W maximum
Connectors:	Power: 2-pin connector Video: BNC on pendant cable
Certifications:	Pending

Mechanical

Application:	Indoor
Dimensions:	Length: 4.7 inches (120 mm) Width: 2.6 inches (66 mm) Height: 2.2 inches (56 mm)
Weight:	0.56 lb (.25 kg)
Construction:	Aluminum

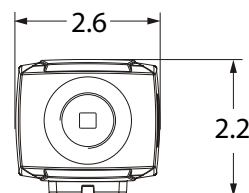
Environmental

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

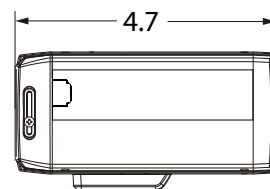
Warranty

3 years parts and labor

Dimensional Data



Front



Side

Data Sheet Number: V235-00

Dated: 04/2011

Vicon Data Sheet Part Number: 8009-7235-00-00

Specifications subject to change without notice.

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