



* Product at a Glance

- ▶ 700 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-1 High-Resolution, Day/Night camera offers a durable fixed camera that provides superior resolution of 700 TV lines with ICR (Infrared Cut Removable Filter) and digital wide dynamic range capabilities. The camera has a 1/3-inch CCD.

The V661-N-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 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.

Ordering Information

Description	Model Number
High-Resolution, Day/Night camera. 1/3-inch format, WDR with DNR and 700 TV line	V661-N-1
resolution. 12 VDC or 24 VAC. NTSC.	
High-Resolution, Day/Night camera. 1/3-inch format, WDR with DNR and 700 TV line	V661-N-1-P
resolution. 12 VDC or 24 VAC. PAL.	

V661-N-1

SPECIFICATIONS

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Camera	
Image Device:	1/3-inch CCD
Picture Elements:	NTSC: 976 (H) x 494 (V), 482,000 pixels PAL: 976 (H) x 582(V), 568,000 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:	0.1 lux color 0.04 lux B/W @f1.2, 50 IRE
Video Output:	1.0 V p-p @75 ohms, composite
Horizontal Resolution:	700 TV lines
S/N Ratio:	50 dB (AGC off)
Synchronization:	Internal
White Balance:	ATW1/ATW2/AWC-Set/Anti Color Roll/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; Auto; Flickerless PAL: 1/50-1/100,000 sec; Auto; Flickerless
Digital Noise Reduction:	2D DNR; Off/On
Privacy Mask:	8 programmable zones; Off/On
Motion Detection	4 detection areas; Off/On
Dead Pixel Compensation:	Auto, 247 points
Language:	English, German, French, Spanish, Russian, Portuguese, Japanese, Chinese - simplified and traditional

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

12 VDC or 24 VAC ±10%
0.2 A @ 24 VAC 0.13 A @ 12 VDC
24 VAC: 2.5 W maximum 12 VDC: 1.6 W maximum
Power: 2-pin connector Video: BNC on pendant cable Autoiris Output: 4-pin mini DIN jack
CE, FCC Class A, UL

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

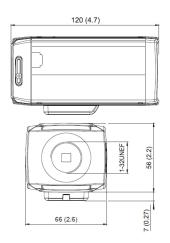
Operating Temperature	
Range:	14 to 122° F (-10 to 50° C)
Operating Humidity	

Range: Up to 96% relative, non-condensing

Warranty

3 years parts and labor

Dimensional Data



Data Sheet Number: V235-01

Vicon Data Sheet Part Number: 8009-7235-01-00

Dated: 10/2015

Specifications subject to change without notice.



