

# V661-N-1 HIGH-RESOLUTION ANALOG DAY/NIGHT CAMERA



Lens not included

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

## SPECIFICATIONS

### Camera

<b>Image Device:</b>	1/3-inch CCD
<b>Picture Elements:</b>	NTSC: 976 (H) x 494 (V), 482,000 pixels PAL: 976 (H) x 582(V), 568,000 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>	0.1 lux color 0.04 lux B/W @f1.2, 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
<b>White Balance:</b>	ATW1/ATW2/AWC-Set/Anti Color Roll/Manual
<b>Exposure:</b>	Auto/Manual Shutter/Flickerless/AGC
<b>Dynamic Range:</b>	Digital WDR
<b>Backlight Compensation:</b>	Off/BLC/HLC
<b>Automatic Gain Control (AGC):</b>	Selectable: Off, Low, Middle, High
<b>Shutter Speed:</b>	NTSC: 1/60-1/100,000 sec; Auto; Flickerless PAL: 1/50-1/100,000 sec; Auto; Flickerless
<b>Digital Noise Reduction:</b>	2D DNR; Off/On
<b>Privacy Mask:</b>	8 programmable zones; Off/On
<b>Motion Detection</b>	4 detection areas; Off/On
<b>Dead Pixel Compensation:</b>	Auto, 247 points
<b>Language:</b>	English, German, French, Spanish, Russian, Portuguese, Japanese, Chinese - simplified and traditional

### Operational

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

### Electrical

<b>Input Voltage:</b>	12 VDC or 24 VAC ±10%
<b>Current:</b>	0.2 A @ 24 VAC 0.13 A @ 12 VDC
<b>Power Consumption:</b>	24 VAC: 2.5 W maximum 12 VDC: 1.6 W maximum
<b>Connectors:</b>	Power: 2-pin connector Video: BNC on pendant cable Autoiris Output: 4-pin mini DIN jack
<b>Certifications:</b>	CE, FCC Class A, UL

### Mechanical

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

### Environmental

<b>Operating Temperature Range:</b>	14 to 122° F (-10 to 50° C)
<b>Operating Humidity Range:</b>	Up to 96% relative, non-condensing

### Warranty

3 years parts and labor

### Dimensional Data

