

# Panasonic

Preliminary Vandal Proof  
Network Color Dome Camera  
(with Low-Light B/W Mode)

## WV-NW474S



Network Interface

Vandal Proof

Weather Proof

Camera Solution



**NETWORK  
CAMERA**

**READY  
TUFF**

# Designed for broadband networks, vandal proof, full color, too. The new WV-NW474S

is the latest addition to Panasonic's full line of vandal proof cameras and can be connected directly to both digital and analog networks. Connect it to an Ethernet, and you can monitor its output or adjust all settings from a networked PC. An analog interface is also provided, allowing you to connect it to existing coaxial cable-based surveillance systems. The ultra-tough, vandal proof body is loaded with the features you want: A 2x variable-focal lens, Super Dynamic II, and automatic Day/Night switching for 24-hour monitoring. Plus, with its new networking capabilities, the WV-NW474S is just the solution you are looking for, for a wealth of applications.



Both analog video output and digital Ethernet port are available.

## Network Interface



Vandal Proof Network Color Dome Camera (with Low-Light B/W Mode)

## WV-NW474S

For direct attachment to walls, ceilings, eaves



## FEATURE LOADED

## SIMPLE TO INSTALL

### Built-in network interface (10Base-T/100Base-TX)

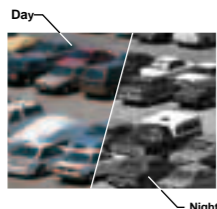
Can be connected to an Ethernet network (10Base-T/100Base-TX) for remote monitoring by PC simply. (Internet interface protocol; TCP/IP, HTTP, FTP, SMTP, DNS, DDNS, DHCP, NTP and BOOTP)



### Single-camera 24-hour surveillance Day/Night Switching



To allow 24-hour surveillance, this camera (in high-sensitivity mode) senses darkness and switches automatically from daytime color to nighttime black-and-white with duration and timer setting to meet exact installation requirement. It can also be switched from color to black-and-white manually.



### Full-color images at 2.0lux (0.2fc) Black-and-white images at 0.2lux (0.02fc)

This camera supports full-color surveillance in low-light situations like this parking lot, switching to black-and-white allows surveillance in light as low as 0.2lux (0.02fc).

### 480-line horizontal resolution in color mode, and 570-line in B/W mode

Equipped with a powerful 768(H) x 494(V) 1/3-type CCD, this camera delivers beautifully clear images with 480-line horizontal resolution at color imaging and 570-line at B/W mode.

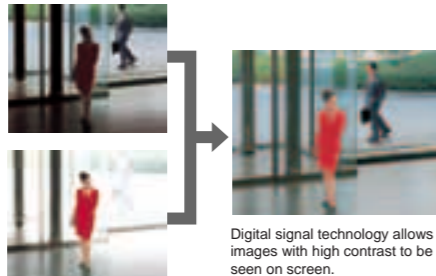
### 2x variable-focal lens is standard equipment

Equipped with a 2x variable-focal lens plus an additional 2x electronic zoom, these cameras can view their subjects in greater details.

### With Super Dynamic II, backlighting is no problem

With a 64 times dynamic range, Panasonic's proprietary Super Dynamic II processing yields clear images even in high-contrast or backlit lighting situations.

Set the lens aperture to the bright section, and the dark section is invisible.



Set the lens aperture to the dark section, and the bright section is invisible.

### Digital Motion Detector senses movement and sends the alarm signal

When the Motion Detector senses movement in the monitored image, it automatically sends alarm signal to the system. When linked to a VCR, it provides an efficient way to avoid missed images.



(Turns white only in demo mode)

### Character displays title

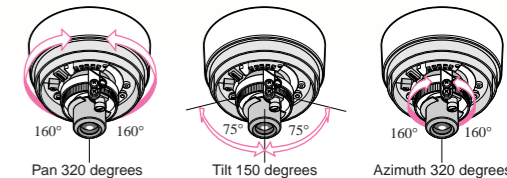
The monitor can display title up to 16 roman letters or numbers. By allowing instant identification of pre-set camera locations, this feature can help prevent errors during emergency situations.



(The above all photographs were taken for the purpose of these explanations; actual images may differ.)

### Proprietary 3-D hinge makes adjustments easy

The 3-dimensional hinge (Pan, Tilt and Azimuth) allows the camera to be rotated as well as moved horizontally and vertically. Digital signal processing allows the image itself to be shifted up, down, left, right, or inverted. Choose precisely the camera angle you need; no camera makes it easier.



Heavy Duty Construction

### Die-cast aluminum body : Shock Resistant

With a body made of die-cast aluminum and a dome made of 3.5mm thick polycarbonate, this camera is tough enough to resist severe shocks.



The camera lens unit has a spring structure, so the chassis can withstand external shocks.

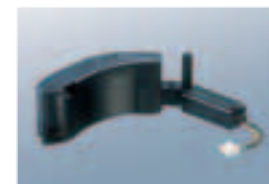
### IP66 approved : Rain and Wind Resistant

Meet IP66 international standards. With excellent dust and moisture resistant capabilities this camera can be used outdoors, under building eaves.



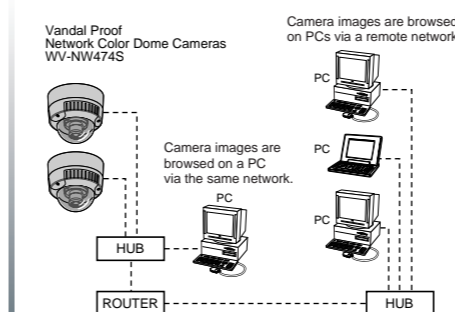
### Heater unit; WV-CW3H (Optional) Ideal for Varying Temperatures

The optional Heater Unit adjusts automatically to temperature fluctuations, helping to prevent dew condensation.

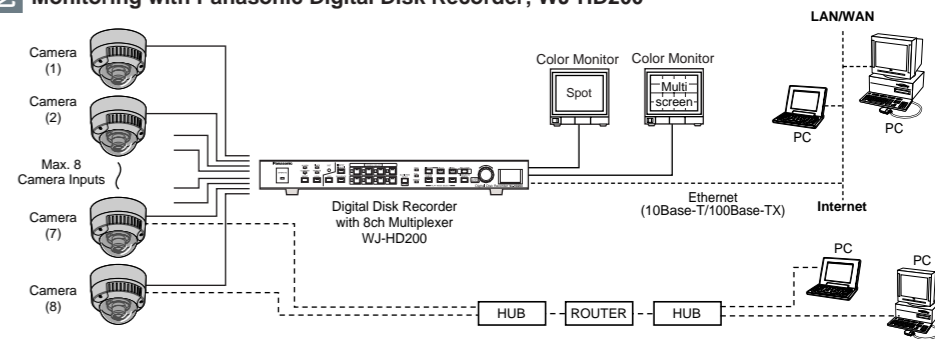


## SYSTEM EXAMPLES

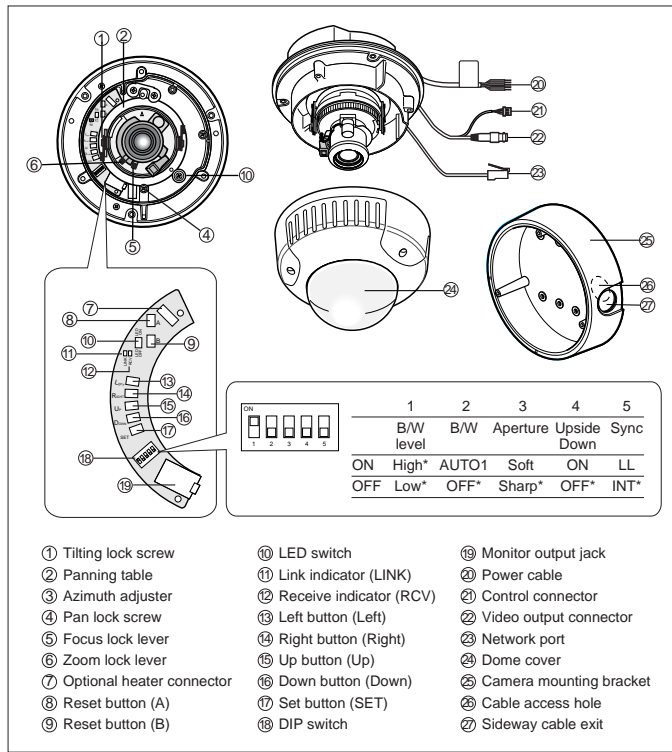
### 1 Monitoring System utilizing an Intranet



### 2 Monitoring with Panasonic Digital Disk Recorder; WJ-HD200



## MAJOR OPERATING CONTROLS



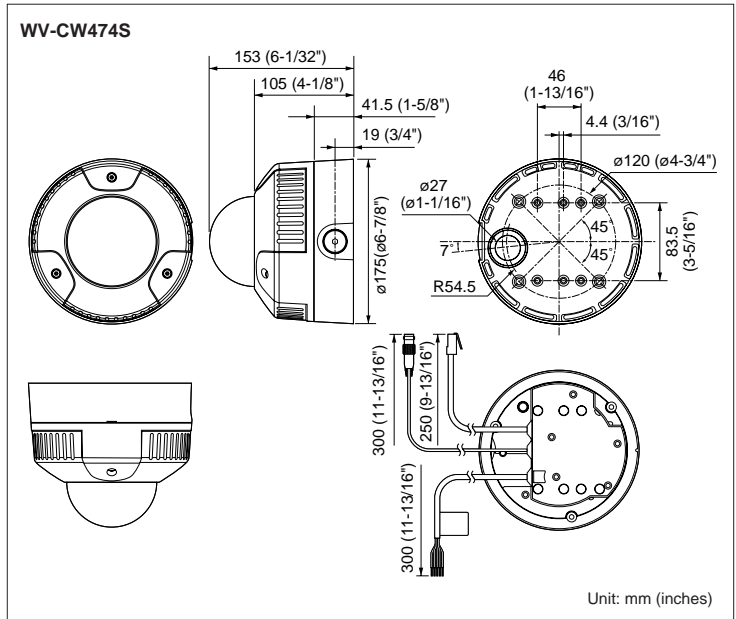
## SPECIFICATIONS

<b>Model No.</b>	<b>WV-NW474S</b>
<b>Type</b>	Surface mount type
<b>Pick Up Device</b>	768 (H) x 494 (V) pixels, interline transfer CCD
<b>Scanning Area</b>	4.8 (H) x 3.6 (V) mm, (Equivalent to 1/3" tube)
<b>Scanning</b>	525 lines / 60 fields / 30 frames
<b>Scanning System</b>	2 : 1 interlace
<b>Synchronization</b>	Internal / Line-Lock / VD2
<b>Video Output</b>	VBS 1.0V [p-p] / 75 Ω / NTSC composite signal / BNC connector
<b>Resolution</b>	Horizontal: 480 lines at color imaging mode, 570 lines at B/W mode (at center) Vertical: more than 350 lines (at center)
<b>Minimum Illumination (at F1.4 Wide)</b>	2.0 lux (0.2 fc) at color imaging mode 0.2 lux (0.02 fc) at B/W mode
<b>Signal to Noise Ratio</b>	50dB (at AGC Off, Weight On, AP On)
<b>Network Section</b>	Image Resolution: 640 x 480, 640 x 240, 320 x 240, 160 x 120 pixel Image Process: JPEG (Super Fine/Fine/Normal/Low image quality selectable) Image Refreshing Rate: Fast/Middle/Slow/Very Slow Traffic Control: 32 kbps, 64 kbps, 128 kbps, 256 kbps, 512 kbps, 1,024 kbps, Unlimited Protocols Supported: TCP/IP, HTTP, FTP, SMTP, DNS, DDNS, DHCP, ARP, BOOTP, NTP OS Applicable: Windows 98 SE, Windows NT WORKSTATION 4.0 Service Pack6a, Windows 2000 Professional Service Pack2, Windows ME, or Windows XP Applicable Browsers: Internet Explorer 5.5, 5.5 SP2, 6.0, or Netscape Communicator 4.73, 4.78
<b>Functions</b>	Camera Title: 16 character display (alphabet, numeric, symbols) Light Control: ALC / ELC Super Dynamic II: On / Off Electronic Shutter: Off, 1/100, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 sec. AGC: On (DNR-H) / On (DNR-L) / Off Electronic Sensitivity Up: Off, Auto (x2, x4, x6, x10), Fix (x2, x4, x6, x10, x16, x32) White Balance: ATW 1 / ATW 2 / AWC Motion Detector: On / Off
<b>Lens</b>	Type: 2x variable focal lens Focal Length: 3.8 - 8.0 mm Aperture Ratio: F1.4 (Wide) to F176, close / F1.8 (Tele) to F176, close Min. Object Distance: 1.2 m (3.9 ft) - ∞
<b>Power Source</b>	24V AC, 60Hz
<b>Power Consumption</b>	8.6W (12.1W optional heater unit WV-CW3H only)
<b>Ambient Operating Temperature</b>	-10°C ~ +50°C (-22°F ~ 122°F) [-30°C ~ +50°C (-22°F ~ 122°F) with optional Heater Unit; WV-CW3H]
<b>Dimensions (D) x (H)</b>	ø175 x 153 mm (ø6-7/8" x 6-1/32")
<b>Weight (approx.)</b>	2.2 kg (4.84 lbs.)

## OPTIONAL COMPONENTS & ACCESSORIES

<p>Heater Unit <b>WV-CW3H</b></p> 	<p>System Controller <b>WV-CU360C</b></p> 
<p>Data Multiplex Unit <b>WJ-MP204C</b></p>  <p><b>PS•Data</b></p>	<p>MATRIX SYSTEMS <b>SYSTEM 850</b> <b>SYSTEM 500</b> <b>SYSTEM 150</b></p> 
<p>Digital Video Duplex Color Multiplexers <b>WJ-FS409</b> (9ch) <b>WJ-FS416</b> (16ch)</p>  <p><b>PS•Data</b></p>	<p>Digital Disk Recorder with 8ch Multiplexer <b>WJ-HD200</b></p>  <p><b>PS•Data</b></p>
<p>Color Monitors <b>WV-CM2080</b> 51cm (20") <b>PS•Data</b> <b>WV-CM1780</b> 41cm (16") <b>PS•Data</b> <b>WV-CM1480</b> 36cm (14") <b>PS•Data</b> <b>WV-CM1420</b> 34cm (13") <b>WV-CM1020</b> 22cm (9")</p> 	<p>Network Server Software <b>WV-AS710</b></p> 

## APPEARANCE



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