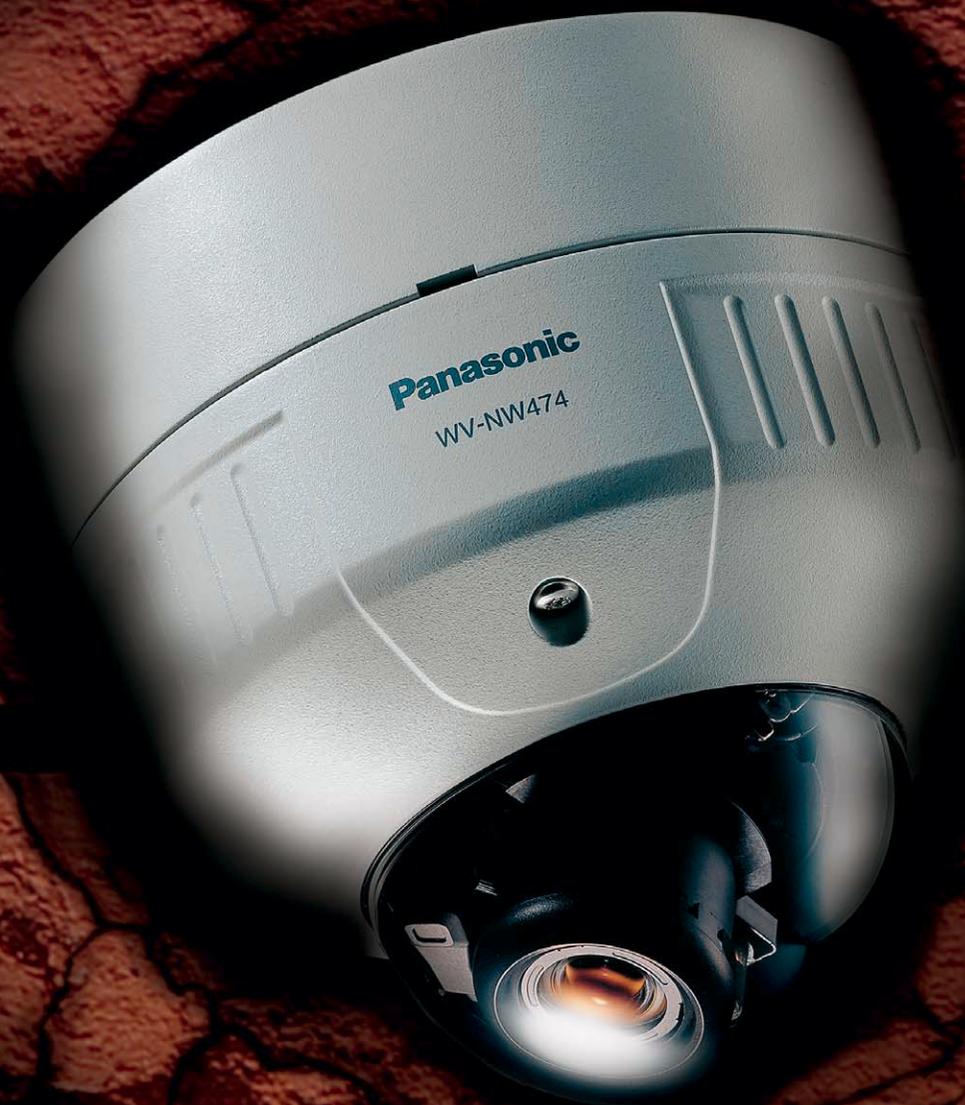


Panasonic
ideas for life

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

WV-NW474S



Network Interface

Vandal Proof

Weather Proof

Day/Night Operation

The Perfect vandal proof camera solution ...



**NETWORK
CAMERA**

**READY
TUFF**

SDIITM
Super Dynamic

A color vandal proof camera designed for broadband networks.

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. Connected to an Ethernet port, you can monitor its output or adjust settings from a networked PC. An analog interface is also provided, allowing you to connect it to existing coaxial cable-based surveillance system. The ultra-tough, vandal proof body is loaded with features you want. Complete with a 2x variable-focal lens, Super Dynamic II technology, and automatic Day/Night switching for 24-hour monitoring. Plus, with its new networking capabilities, the WV-NW474S is just the solution you need for a variety of security applications.



Both an analog video output and a 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. (Internet interface protocol; TCP/IP, HTTP, FTP, SMTP, DNS, DDNS, DHCP, NTP and BOOTP)



480 lines of horizontal resolution in color mode, and 570 lines in B/W mode

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

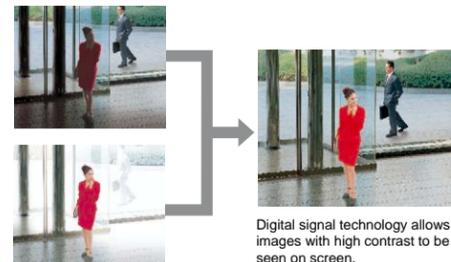
2x variable-focal lens is standard equipment

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 an alarm signal

When the Motion Detector senses movement in the monitored image, it automatically sends an alarm signal to the system; reducing the chance of missing key 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.



(All of the above photographs were taken for the purpose of these explanations; actual images may be different.)

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 is spring loaded, so the chassis can withstand external shocks.



IP66 approved : Rain and Wind Resistant

Meets IP66 International standards. With the cameras excellent dust and moisture resistance, it can be used outdoors, under building eaves.



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

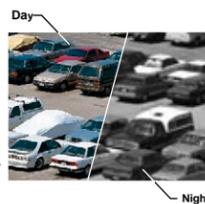
The optional Heater Unit adjusts automatically to temperature fluctuations, helping to prevent dew condensation.



24-hour surveillance with 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. A timer allows you to set the precise duration to meet any installation requirement. It can also be switched manually from color to black-and-white.

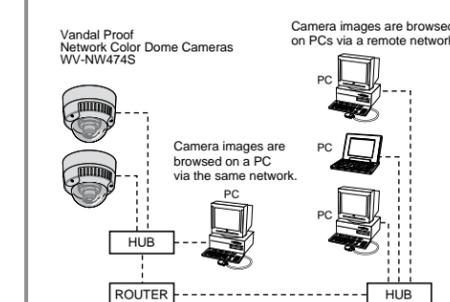


Full color images at 0.8 lux (0.08 fc) Black-and-white images at 0.1 lux (0.01 fc)

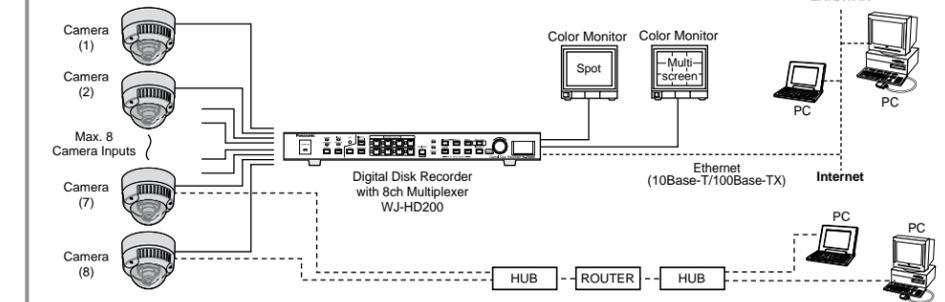
This camera supports full color surveillance in low-light situations (see parking lot example above), and switching to black-and-white mode allows surveillance in light as low as 0.1 lux (0.01 fc) with optional clear dome cover; WV-CW2C.

SYSTEM EXAMPLES

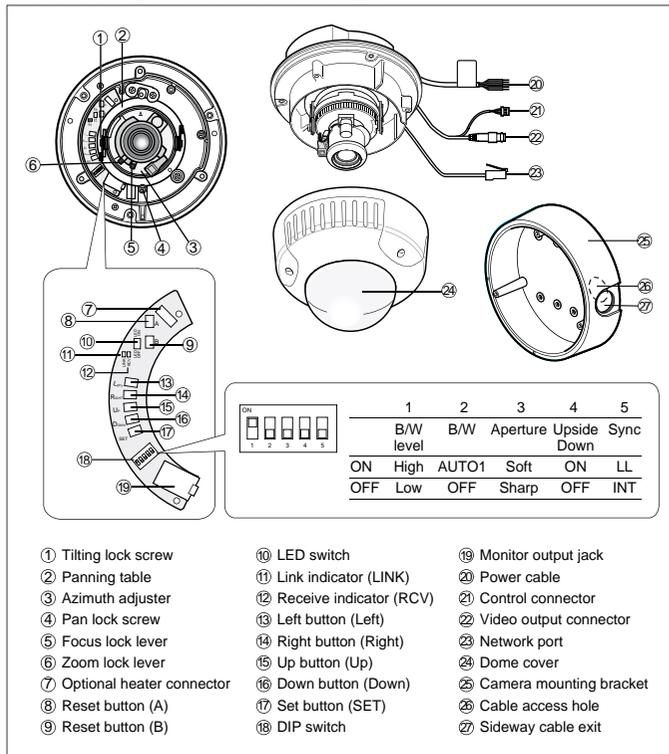
1 Monitoring System utilizing an Intranet



2 Monitoring with Panasonic Digital Disk Recorder; WJ-HD200



MAJOR OPERATING CONTROLS



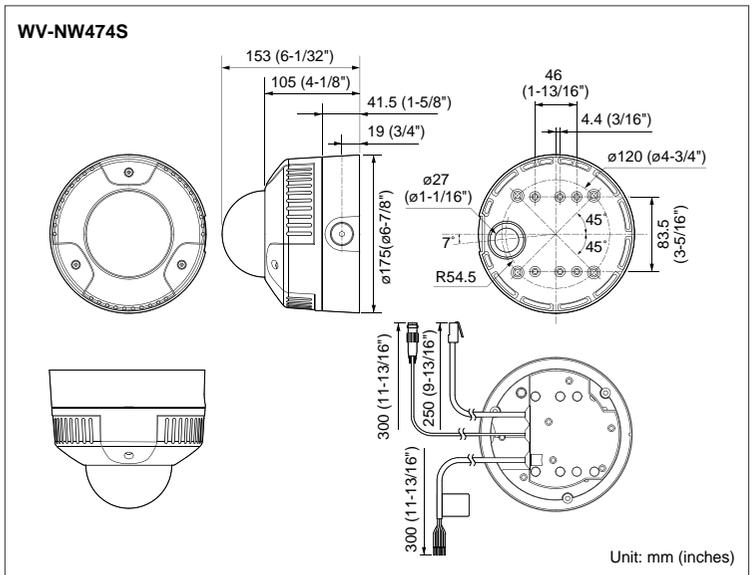
SPECIFICATIONS

Model No.	WV-NW474S	
Type	Surface mount type	
Pick Up Device	768 (H) x 494 (V) pixels, interline transfer CCD	
Scanning Area	4.8 (H) x 3.6 (V) mm, (Equivalent to 1/3" tube)	
Scanning	525 lines / 60 fields / 30 frames	
Scanning System	2 : 1 interlace	
Synchronization	Internal / Line-Lock / VD2	
Video Output	VBS 1.0V [p-p] / 75 Ω / NTSC composite signal / BNC connector	
Resolution	Horizontal	480 lines at color imaging mode, 570 lines at B/W mode (at center)
	Vertical	more than 350 lines (at center)
Minimum Illumination (at F1.4 Wide)	2.0 lux (0.2 fc) at color imaging, 0.2 lux (0.02 fc) at B/W mode 0.8 lux (0.08 fc) at color imaging and 0.1 lux (0.01 fc) at B/W mode with optional clear dome cover (WV-CW2C)	
Signal to Noise Ratio	50dB (at AGC Off, Weight On, AP On)	
Network Section	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
Functions	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
Lens	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) - ∞
Power Source	24V AC, 60Hz	
Power Consumption	8.6W (12.1W optional heater unit; WV-CW3H only)	
Ambient Operating Temperature	-10°C ~ +50°C (14°F ~ 122°F) [-30°C ~ +50°C (-22°F ~ 122°F) with optional Heater Unit (WV-CW3H)]	
Ambient Operating Humidity	Less than 90%	
Dimensions (D) x (H)	ø175 x 153 mm (ø6-7/8" x 6-1/32")	
Weight (approx.)	2.2 kg (4.84 lbs.)	

OPTIONAL COMPONENTS & ACCESSORIES

Heater Unit WV-CW3H 	Clear Dome Cover WV-CW2C 
Data Multiplex Unit WJ-MP204C 	System Controller WV-CU360C 
Digital Video Duplex Color Multiplexers WJ-FS409 (9ch) WJ-FS416 (16ch) 	MATRIX SYSTEMS SYSTEM 850 SYSTEM 500 SYSTEM 150 
Digital Disk Recorder with 8ch Multiplexer WJ-HD200 	
Color Monitors WV-CM2080 51cm (20") PS-Data WV-CM1780 41cm (16") PS-Data WV-CM1480 36cm (14") PS-Data WV-CM1420 34cm (13") WV-CM1020 22cm (9") 	Network Server Software WV-AS710 

APPEARANCE



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Printed in Japan

WV-JHNW474SC(2P-519)