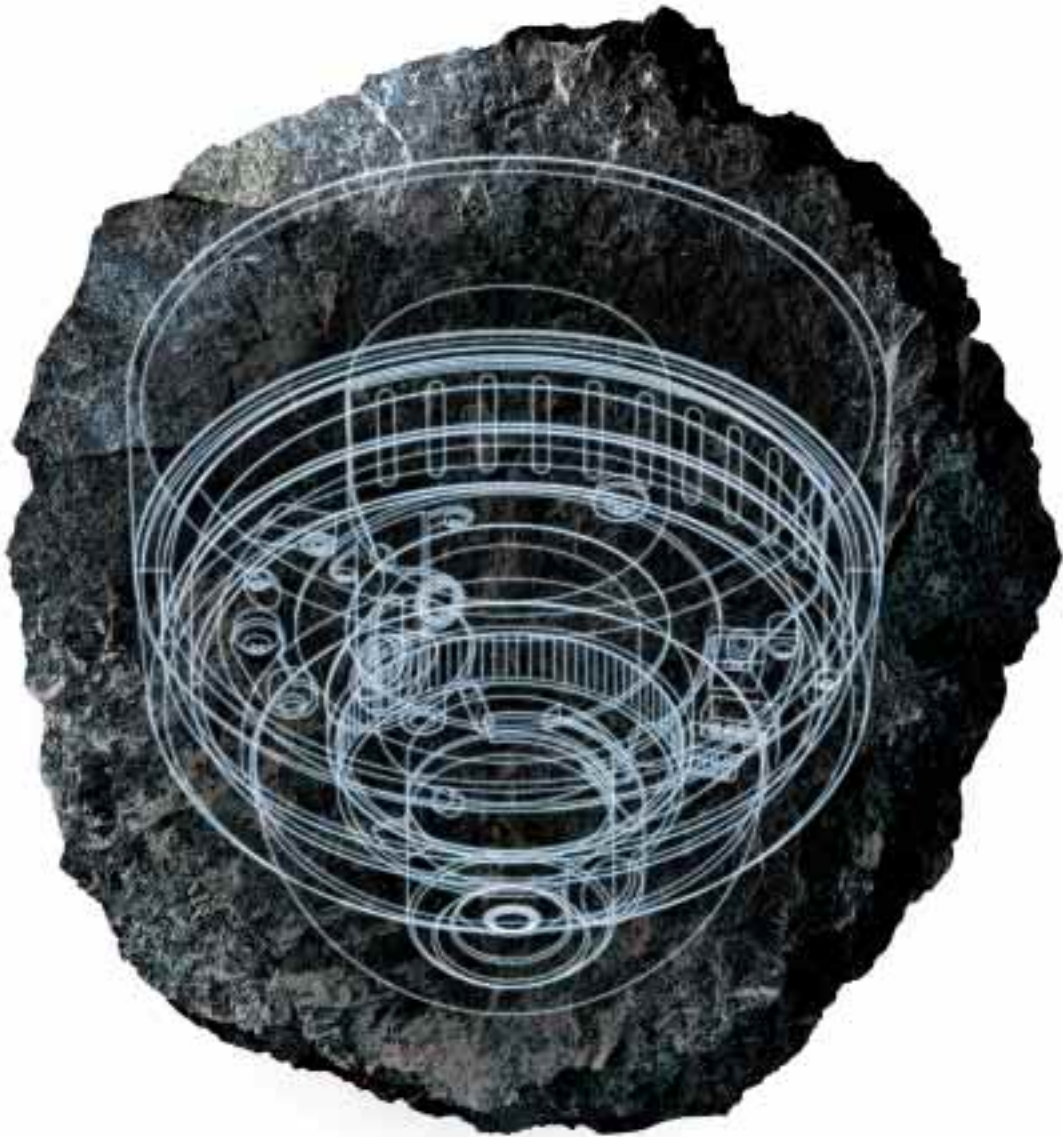


Panasonic®

Vandal Proof
Super Dynamic II Color Cameras
(with Low-Light B/W Mode)

WV-CW474 Series



The Easy to Install



Vandal Proof



Weather Proof



Camera Solution

Heavy Duty Construction



**Actual
Size**
(WV-CW474F)

Die-cast aluminum body Shock Resistant

With a body made of die-cast aluminum and a dome made of 3.5mm thick polycarbonate, these cameras are tough enough to resist severe shocks.

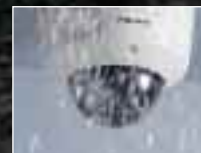


The camera lens unit has a spring structure, so the chassis can withstand external shocks.



IP66 approved Rain and Wind Resistant

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



High Performance in a Rugged Body. New Vandal Proof Cameras Make Their Debut.

Panasonic's new Vandal Proof Type Super Dynamic II Color Cameras. The WV-CW474 Series are not only rugged and loaded with high-performance features, they are also easy to install. Highly resistant to dust, moisture and shock these units satisfy international standards. The WV-CW474 Series include high image quality, increased sensitivity, day/night switching for 24-hour surveillance and a multi-function motion detector. Free from conventional limitations on placement, application and objective, these multipurpose color cameras are ideal for numerous surveillance applications.

Feature Loaded & Simple to Install

For single-camera 24-hour surveillance
Day/Night Switching



Day

Night

Unlimited attachment with Unlimited Positioning
3-Dimensional Hinges



Senses motion and sends alarm signal
Motion Detector



64 times dynamic range
Super Dynamic II





Two New Types to Choose From

For direct attachment to walls, ceilings, eaves



Surface Mount Type
WV-CW474S

For insertion in existing junction box




Flush Mount Type
WV-CW474F

Single-camera 24-hour surveillance Day/Night Switching




To allow 24-hour surveillance, these cameras (in high-sensitivity mode) sense darkness and switch automatically from daytime color to nighttime black-and-white with duration and timer setting to meet exact installation requirement. They can also be switched from color to black-and-white manually.

Day (Color mode)



Night (B/W mode) at low-light condition



Day/Night switching

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

These cameras support full-color surveillance in low-light situations like this parking lot, switching to black-and-white allows surveillance in light as low as 0.1lx (0.01fc) with optional clear dome cover; WV-CW1C. IR response down to 0.00lx is valid. 10x auto electronic sensitivity up is also supported (in fixed mode 32x available).


Current



WV-CW474 Series at color imaging



Current



WV-CW474 Series at B/W mode



*With optional clear dome cover; WV-CW1C

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, these cameras deliver 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.



Digital signal technology allows images with high contrast to be seen on screen.



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.



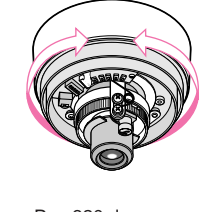
The above all photographs were taken for the purpose of this explanation; actual images may differ.

Simple to Install

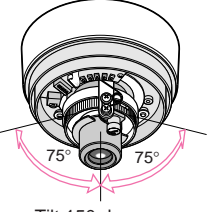
Proprietary 3-D hinge makes adjustments easy

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.

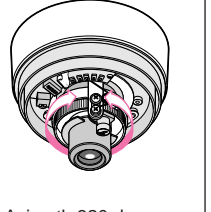
Pan 320 degrees



Tilt 150 degrees



Azimuth 320 degrees



Basic settings couldn't be simpler

Simple dipswitches control Soft/Sharp, Day/Night: Off/Auto and other basic settings. A compact monitor-out terminal with a small liquid crystal display allows you to check settings on the spot.

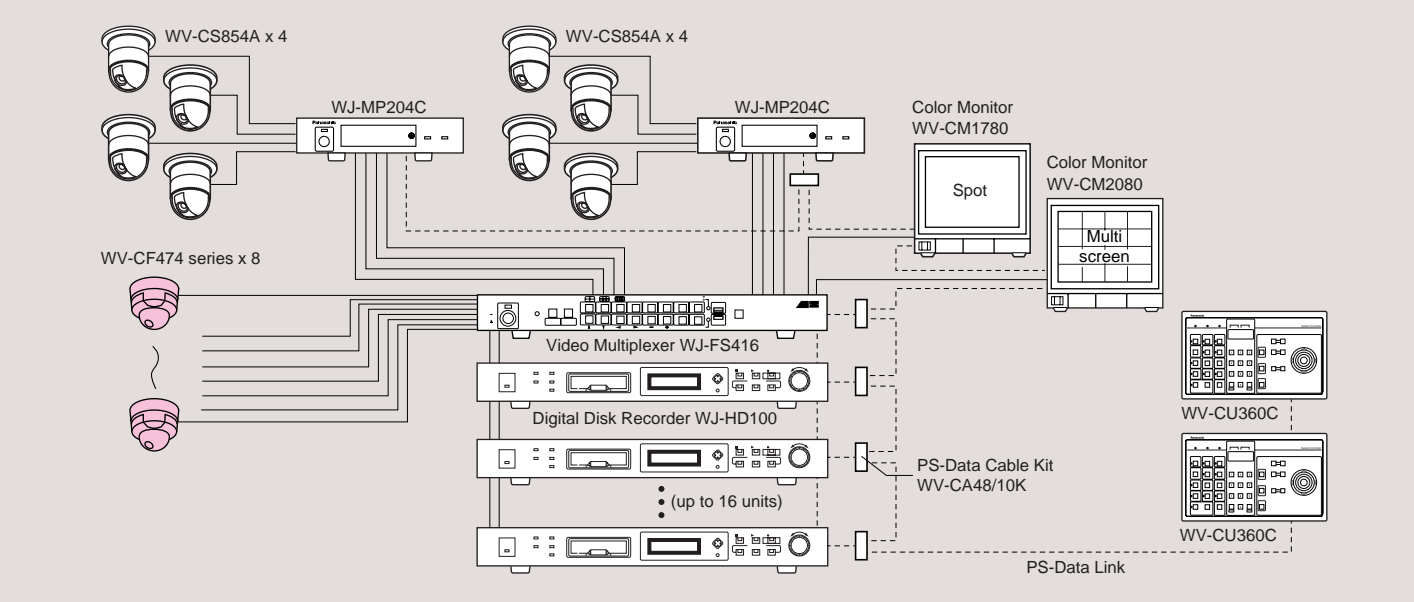


Easily installs in existing electronic junction box

The Flush Mount Type WV-CW474F can be installed in existing two gang junction box.



SYSTEM EXAMPLE





at ATMs/Banks/Jewelry Shops



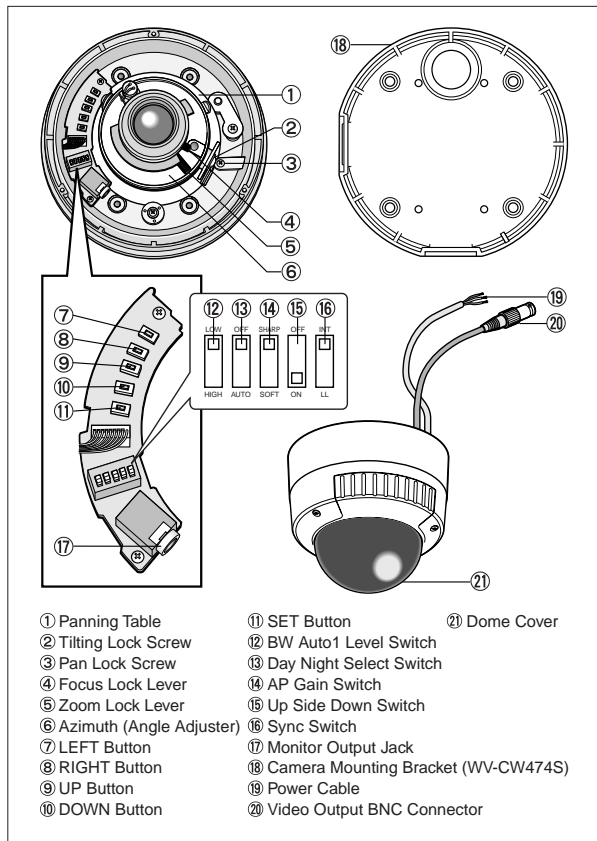
at Campus



at Shopping mall/Building/Office

- at Hospital/ Day Care Center
- at Low Court
- at Prison
- at Ware house
- and more facilities

MAJOR OPERATING CONTROLS



OPTIONAL COMPONENTS & ACCESSORIES

Mounting Base for WV-CW474F
WV-Q112



Clear Dome Cover
WV-CW1C



Digital Video Duplex Color Multiplexers
WJ-FS616C (16ch)



WJ-FS409 (9ch)
WJ-FS416 (16ch)
PS-Data



Data Multiplex Unit
WJ-MP204C
PS-Data



System Controller
WV-CU360C
PS-Data



MATRIX SYSTEM 500

Matrix Switcher
WJ-SX550C
Card Cage
WJ-AD550
System Controller
WV-CU550C



Digital Disk Recorder with 16ch Multiplexer
WJ-HD500A
PS-Data



Digital Disk Recorder
WJ-HD100
PS-Data



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")



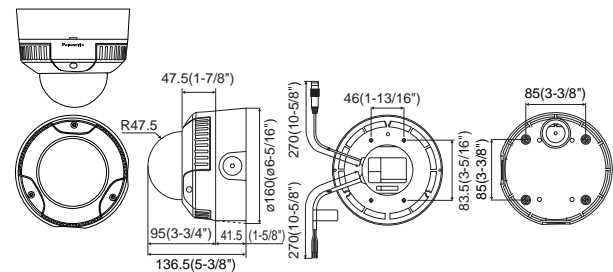
SPECIFICATIONS

Model No.	WV-CW474S	WV-CW474F
Type	Surface mount type	Flush 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	480 lines at color imaging mode, 570 lines at B/W mode (at center)	
Minimum Illumination (at F1.4 Wide)	2.4 lx (0.24 fc) at color imaging mode 0.3 lx (0.03 fc) at B/W mode 0.8 lx (0.08 fc) at color imaging mode, with optional dome cover; WV-CW1C 0.1 lx (0.01 fc) at B/W mode, with optional dome cover; WV-CW1C	
Signal to Noise Ratio	50dB (at AGC Off, Weight On, AP On)	
Dynamic Range	46dB (typical)	
Functions	Camera Title 16 character display (alphabet, numeric, symbols) Light Control ALC mode 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	4.6W	
Ambient Operating Temperature	-10°C ~ +50°C (14°F ~ 122°F)	
Dimensions (D) x (H) (mm)	ø160 x 136.5 (ø6-5/16" x 5-3/8") ø152.5 x 133 (ø6 x 5-1/4")	
Weight (approx.)	1.4 kg (3.1 lbs.) 1.0 kg (2.2 lbs.)	

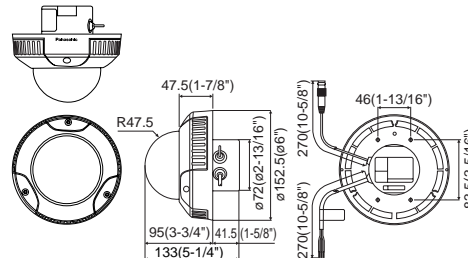
APPEARANCE

Unit: mm (inches)

WV-CW474S (Surface mount type)



WV-CW474F (Flush mount type)



• All TV pictures are simulated. • Weights and dimensions are approximate. • Specifications are subject to change without notice. • These products may be subject to export control regulations.

Panasonic

Panasonic Security & Digital Imaging Company
A Division of Matsushita Electric Corporation of America

Security Systems Group

Executive Office : One Panasonic Way 3E-7, Secaucus, New Jersey 07094

Zone Office

Eastern : One Panasonic Way, Suite 3E-7, Secaucus, NJ 07094 (201) 348-7303

Central : 1707 N.Randal Road, 1C-2, Elgin, IL 60123 (847) 468-5211

Western : 6550 Katella Ave., Cypress, CA 90630 (714) 373-7840

<http://cctv.panasonic.com/>

DISTRIBUTED BY:

PANASONIC CANADA INC.

5770 Ambler Drive, Mississauga, Ontario, L4W 2T3 Canada (905) 624-5010

PANASONIC SALES COMPANY

DIVISION OF MATSUSHITA ELECTRIC OF PUERTO RICO, INC.

San Gabriel Industrial Park 65th Infantry Ave. KM. 9.5 Carolina, P.R. 00985 (809) 750-4300

Printed in Japan
WV-JHCW474C(2P-492)