



Security Management System

Model SWV-NF284

Panasonic Network Color Dome Camera

Overview

The Panasonic SWV-NF284 is a compact, stylish network color dome camera with MPEG-4 & JPEG dual streaming. Includes a 3.6x variable-focal lens (2.8-10mm) that operates in light as low as 1.5 lux (0.15 fc). Power over Ethernet (PoE) IEEE802.3af supplies power and transmits images over the same LAN cable. Reliable performance and easy set-up make the SWV-NF284 the ideal network camera for school, transit, warehouse, mall and town security.

FEATURES & BENEFITS

- Built-in MPEG-4 and JPEG digital signal output at VGA image size with up to 30 fps.
- MPEG-4/JPEG dual stream output for simultaneous live monitoring and high resolution recording. (See the Frame Rate Chart for details.)
- 3.6x variable-focal lens (2.8 - 10mm).
- Power over Ethernet (PoE) IEEE 802.3af. or 12VDC or 24VAC.
- Progressive scan type CCD image sensor.
- Internet Protocol: TCP/IP, UDP/IP, HTTP, RTP, FTP, SMTP, DHCP, DNS, DDNS, NTP and SNMP.
- Image refresh rate: 0.1 fps - 30 fps.
- Bandwidth control: 64 / 128 / 256 / 512 / 1,024 / 2,048 / 4,096 kbps and unlimited.
- Built-in network interface (10Base-T / 100Base-TX) for remote monitoring by PC.
- Sensitivity of 1.5 lux (0.15 fc) at F1.4 with clear dome cover.

(cont.)



FEATURES & BENEFITS

- Built-in SD Memory card slot for FTP backup.
- Multi screen display (4 screens x 2 groups).
- Built-in Alarm function for external security devices.
- Built-in digital motion detector.
- Built-in electronic zoom function (1x, 1.5x, 2x, 2.5x and 3x).
- Automatic electronic sensitivity enhancement.
- The 3-dimensional hinge (Pan, Tilt and Azimuth) makes adjustments easy.

SPECIFICATIONS

CAMERA SECTION

Pick Up Device	1/4-type progressive scan CCD sensor
Effective Pixels	659 (H) x 494 (V)
Scan Mode	Progressive scan
Scanning Area	3.59 (H) x 2.70 (V) mm
Minimum Illumination	1.5 lux (0.15 fc) with clear dome cover (Tentative) 0.19 lux (0.019 fc): at the time of Electronic Sensitivity Up function is 8x. (Tentative)
AGC	Always ON
Electronic Shutter	AUTO
Electronic Sensitivity Up	OFF, AUTO (2x, 4x, 8x,16x)
White Balance	AUTO / HOLD
Electronic Zoom	1x, 1.5x, 2x, 2.5x, 3x
Title Display	20 alphanumeric characters (Only a browser)
Motion Detector	On/Off Selectable, 1~4 areas, Sensitivity: High/Middle/Low
Back Focus Adjustment	Manual

LENS

Type	3.6x variable focal lens
Focal Length	2.8 ~ 10 mm
Angular Field of View	H: 20.8°(TELE) ~ 73.5°(WIDE) V: 15.6°(TELE) ~ 54.4°(WIDE)
Aperture Ratio	1 : 1.3 (WIDE)
Min. Object Distance	1.2 m
Min. Object Distance	1.2 m

ANALOG OUTPUT SECTION

Signal	NTSC
Monitor Output	VBS 1.0 V [p-p] / 75,, composite signal, ø3.5mm mini jack

NETWORK SECTION

Network	10Base-T / 100Base-TX, RJ45 connector for PoE
Image Resolution	JPEG VGA (640 x 480), QVGA (320 x 240) max. 30 fps
	MPEG-4 VGA (640 x 480), QVGA (320 x 240) max. 30 fps
Image Compression	JPEG (Super Fine: 0 / Fine: 1 - 4 / Normal: 5 - 8 / Low: 9) selectable, Pull/Push mode
& Transmission	MPEG-4 Image Quality (Fine / Normal / Low) selectable, unicast / multicast
Image Refresh Rate	0.1 fps ~ 30 fps (JPEG and MPEG-4 have a limit of a JPEG frame rate at the time of simultaneous movement)
Audio Compression Method	G.726 (ADPCM) 32 kbps/16 kbps Selectable
Traffic Control	64 / 128 / 256 / 512 / 1,024 / 2,048 / 4,096 kbps and unlimited
Internet Protocol	TCP/IP, UDP/IP, HTTP, RTP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP
OS	Windows 2000 Professional SP4, Windows XP Home/Professional SP2
Applicable Browser	Internet Explorer 6.0 SP2 (Windows XP Home/Professional SP2) Internet Explorer 6.0 SP1 (Only Windows 2000 Professional SP4)
FTP Client	Alarm image transfer, FTP periodic transfer
Multi Screen	8 screens (4 screens x 2 group)
Controller I/F	Ethernet
SD Memory Card	64MB, 128MB, 256MB, 512MB, 1GB and 2GB Panasonic SD Memory Card is recommended
External Input Terminals	Alarm input x1/Alarm output x1, AUX output x1
Power Supply	Power Terminal 24 V AC, 60 Hz/12 V DC Power over Ethernet (IEEE802.3af) 36 ~ 57 V DC (Class2 Powered Device in PoE)
Power Consumption	24 V AC 4.2 W, 12 V DC 350 mA (approx.), PoE 4.2 W (approx.) (Tentative)
Ambient Operating Temperature	-10 °C ~ +50 °C (14 °F ~ 122 °F)
Ambient Operating Humidity	Less than 90 %
Dimensions (D x H)	ø122 mm x 136 mm (ø4-13/16" x 5-3/8")
Weight	Approx. 650 g (1.43 lbs.) (Tentative)

Schlage

Electronic Security
575 Birch Street
Forestville, CT 06010 USA
Tel 860-584-9158/866-322-1237
Fax 860-584-2136/866-322-1233
Tel 800-950-4573 (Toll Free Canada)
www.schlage.com

