

WV-NW470 Network Dome Camera

- Day/night switching for 24-hour monitoring
- Monitor from networked PC
- Supports full colour surveillance in low-light situations
- Digital motion detector
- Pan/Tilt Azimuth
- Shock resistant/rain and weather resistant



Vandal Proof Super Dynamic II Colour Camera

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General

Type	Vandal Proof Network Colour Dome Camera
Pick-up Device	1/3-type interline transfer CCD

Effective Pixels

Horizontal	753.0
Vertical	582.0

Scanning Area [mm]

Horizontal	4.8
Vertical	3.6
Signal	PAL
Synchronization	Internal (INT), Multiplexed Vertical Drive (VD2), Line-Lock (LL)
Scanning Mode	2:1 interlace

Resolution

Horizontal	480 TV lines (Colour), 570 TV lines (B/W)
Vertical	-
Dynamic Range	80
Signal-to-Noise Ratio	50 dB minimum (AGC: OFF)
Minimum Illumination (Colour)	0.8 lux

Minimum Illumination (B/W)	0.1 lux
Weather Protection	IP66 rated

Power Source

Voltage DC [V]	0.0
Frequency [Hz]	50.0
Power Consumption [W]	9.9
PoE (Power over Ethernet)	-

Ambient Operating Temperature [degrees C]

Minimum	-10.0
Maximum	50.0

Ambient Operating Humidity [%]

Minimum	0.0
Maximum	90.0

Dimensions [mm]

Diameter	175.0
Height	153.0
Weight [kg]	2.3
Finish	Die-cast aluminium body and camera lens chassis shock resistant

Main Functions

Controller Interface	-
Control Functions	-
Auto Gain Control (AGC)	ON (LOW), ON (MID), ON (HIGH), OFF
Zoom Speed	-
Focus Speed	-
Iris / Light Control	ALC/ELC
Shutter	OFF, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 s
Motion Detector	ON/OFF
Sensitivity Enhancement	32x max. (AUTO or FIX)
White Balance	ATW1/ATW2/AWC
Adaptive Black Stretch	-
Camera Title	16 alphanumeric characters
Image Hold	-
Digital Flip	-
Cleaning	-
Privacy Zone	-
Image Stabilizer	-
Detail / Aperture Level	-

Colour/Mono Switching	AUTO/MANUAL
Patrol	-
Scene Select Setting	-
Password Lock	-
Language Setting	English, German, French, Italian, Spanish, Russian, Chinese, Japanese

Pan and Tilt

Pan Range	-
Pan Modes	-
Pan Speed	-
Tilt Range	-
Tilt Modes	-
Tilt Speed	-

Lens

Type	2x varifocal lens
Zoom Ratio	2x digital zoom

Focal Length [mm]

Minimum	3.8
Maximum	8.0
Iris Range / Aperture Ratio	f1.4 (Wide) to f176, close / f1.8 (Tele) to f176, close

Angular Field of View

Horizontal	35.6 degrees (TELE) ~ 73.6 degrees (WIDE)
Vertical	26.6 degrees (TELE) ~ 53.4 degrees (WIDE)
Maximum Aperture Ratio	-
Object Distance [m]	1.2

Network

Network Interface	10Base-T/100Base-TX, RJ45 connector
Image Resolution	752 x 568, 752 x 280, 368 x 280 and 176 x 136 pixels
Image Compression	JPEG/MJPEG
Image Refresh Rate	Fast/Middle/Slow/Very Slow
Audio Compression	-
Bandwidth Control	32 kbps/ 64 kbps/ 128 kbps/ 256 kbps/ 512 kbps/ 1,024 kbps/ unlimited
Supported Protocol	TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, ARP, NTP, BOOTP
Supported Operating System	Windows 98 SE, Windows NT WORKSTATION 4.0 SP6A, Windows 2000 Professional SP2, Windows ME, Windows XP
Supported Browser	Internet Explorer 5.5, 5.5 SP2, 6.0 or Netscape Communicator 4.73, 4.78
FTP Client	-
Multi Screen	-

SD Memory Card Slot	-
Alarm Email	-
Time Date Display	-
Security Measures	-

Input/Output

Video Output	VBS: 1.0V [p-p]/ 75 Ohms composite signal, BNC connector
Monitor Output	-
Alarm Input	-
Alarm Output	-

