

WV-NS320 Network Dome Camera

Both Analogue and Digital Ethernet Port Available

Built-in Network Interface

Built-in Alarm Function

Built-in Digital Motion Detection

3600 Endless Panning Range

10x Optical Zoom Plus 5x Electronic Zoom



Network Colour Dome Camera

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General

Type	Network Colour Dome Camera
Pick-up Device	1/4-type interline transfer CCD

Effective Pixels

Horizontal	752.0
Vertical	582.0

Scanning Area [mm]

Horizontal	3.57
Vertical	2.67
Signal	-
Synchronization	Internal (INT), Multiplexed Vertical Drive (VD2), Line-Lock (LL)
Scanning Mode	2:1 interlace

Resolution

Horizontal	480 TV lines (Colour)
Vertical	-
Dynamic Range	-
Signal-to-Noise Ratio	50 dB minimum (AGC: OFF)
Minimum Illumination (Colour)	1.0 lux

Minimum Illumination (B/W)	-
Weather Protection	-

Power Source

Voltage DC [V]	0.0
Frequency [Hz]	50.0
Power Consumption [W]	16.0
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	120.0
Height	196.0
Weight [kg]	2.0
Finish	-

Main Functions

Controller Interface	Multiplexed Coaxial
Control Functions	Pan/tilt, lens, preset position, home position
Auto Gain Control (AGC)	ON (LOW), ON (MID), ON (HIGH), OFF
Zoom Speed	approx. 3.9 s (TELE/WIDE) in manual mode
Focus Speed	approx. 3.0 s (FAR/NEAR) in manual mode
Iris / Light Control	Automatic (OPEN/CLOSE)/Manual
Shutter	OFF (1/50), AUTO, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 s
Motion Detector	ON/OFF
Auto Mode	-
Auto Focus	Yes
Back Light Compensation (BLC)	ON/OFF
Sensitivity Enhancement	32x max. (AUTO or FIX)
White Balance	-
Adaptive Black Stretch	-
Camera Title	16 alphanumeric characters
Image Hold	ON/OFF
Digital Flip	-
Cleaning	-

Privacy Zone	-
Image Stabilizer	-
Detail / Aperture Level	-
Colour/Mono Switching	-
Patrol	-
Scene Select Setting	-
Password Lock	-
Language Setting	English, German, French, Italian, Spanish, Russian, Chinese, Japanese

Pan and Tilt

Pan Range	[360 deg.] endless
Pan Modes	Manual, auto pan
Pan Speed	Manual: approx. 1 ~ 100 deg/s, preset: approx. 100 deg/s
Tilt Range	[0 ~ 92 deg.] (horizontal - vertical - horizontal) (According to the TILT ANGLE)
Tilt Modes	Manual
Tilt Speed	Manual: approx. 1 ~ 100 deg/s, preset: approx. 100 deg/s

Lens

Type	10x Zoom lens
Zoom Ratio	10x (approx. 50x with digital zoom)

Focal Length [mm]

Minimum	4.2
Maximum	42.0
Iris Range / Aperture Ratio	-

Angular Field of View

Horizontal	4.9 degrees (TELE) ~ 47 degrees (WIDE)
Vertical	3.7 degrees (TELE) ~ 36 degrees (WIDE)
Maximum Aperture Ratio	1:1.4 (WIDE) ~ 2.0 (TELE)

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, NTP, BOOTP
Supported Operating System	-
Supported Browser	-

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
Monitor Output	-
Alarm Input	x2 (ALARM IN 1 ~ ALARM IN 2)
Alarm Output	x2 (ALARM/AUX)

