



Speed Dome IP Camera

NVIP-2DN5022SD/IRH-2

5000
IP SERIES



FUNCTIONS



COMPATIBILITY



KEY FEATURES

- Resolution: 2 MPX
- Lens: motorized varifocal, AI and AF function, optical zoom 22x, f=4.7 ~ 103 mm/F1.6 ~ 3.5
- D/N function - IR cut filter
- microSD card support
- Min. Illumination from 0.005 lx (0 lx, IR on)
- IR LED, range up to 100 m (depends on current optical zoom value)

DIMENSIONS



Image	
Image Sensor	2 MPX CMOS sensor 1/2.8" SONY Exmor
Number of Effective Pixels	1920 (H) x 1080 (V)
Min. Illumination	0.26 lx/F1.6 - color mode, 0.005 lx/F1.6 - B/W mode, 0 lx (IR on) - B/W mode
S/N Ratio	> 50 dB (AGC off)
Electronic Shutter	auto/manual: 1/25 s ~ 1/10000 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	2D
Defog Function (F-DNR)	yes
Lens	
Optical Zoom	22x
Day/Night	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual
Switching Schedule	yes
Visible Light Sensor	yes
Network	
Stream Resolution	1920 x 1080 (Full HD), 720 x 576 (D1), 640 x 480 (VGA), 640 x 360, 352 x 288 (CIF), 320 x 240 (QVGA)
Frame Rate	30 fps for each resolution
Multistreaming Mode	2 streams
Video/Audio Compression	H.264, MJPEG/G.711, RAW_PCM
Number of Simultaneous Connections	max. 10
Bandwidth	18 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, PPPoE, SMTP
Camera Configuration	from Internet Explorer browser languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS
PTZ	
Preset Commands	246
Tours	12 (up to 32 presets per tour)
Auto-Scans	12
Patterns	6 (max. 1000 commands or 300 s for each pattern)
Tilt/Pan Range	0° ~ 93°/360° (continuous)
Pan/Tilt Speed	up to 150°/s (proportional to zoom)
Preset Speed	up to 150°/s
Protocols	Pelco-D, Pelco-P
Other functions	
Privacy Zones	8
Image Processing	180° image rotation, sharpening, mirror effect
Prealarm/Postalarm	up to 5 MB/up to 86400 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, saving file on NAS server, alarm output activation, HTTP notification, PTZ
IR LED	
LED Number	12
Range	up to 100 m (depends on current optical zoom value)
Angle	up to 45° (depends on current optical zoom value)
Interfaces	
Video Output	BNC, 1.0 Vp-p, 75 Ohm - maintenance only
Audio Input/Output	1 x RCA/1 x RCA
Alarm Input/Output	7 (NO/NC)/2 relay type
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD
Installation parameters	
Dimensions (mm)	220 (Φ) x 310 (H) with bracket: 220 (W) x 368 (H) x 388 (L)
Weight	4.3 kg with bracket: 5.5 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, white, in set: outdoor housing (integrated with the camera), wall mount bracket
Power Supply	24 VAC
Power Consumption	45 W, 50 W (heater on)
Operating temperature with housing	-40°C ~ 60°C
Built-in Heater/Fan	yes/yes