



Speed Dome IP Starlight Camera

NVIP-2DN5120SD/IRH-2



5000
IP SERIES

FUNCTIONS



KEY FEATURES

- Resolution: 2 MPX
- Lens: motorized, auto-iris and auto-focus function, optical zoom 20x, f=4.7 ~ 94 mm/F1.6 ~ 3.5
- D/N function - IR cut filter
- Min. Illumination from 0.01 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 R STARVIS
Number of Effective Pixels	1920 (H) x 1080 (V)
Min. Illumination	0.05 lx/F1.2 - color mode, 0.01 lx/F1.2 - 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
Digital Slow Shutter (DSS)	up to 1 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Lens	
Optical Zoom	20x
Lens Type	motorized, auto-iris function, f=4.7 ~ 94 mm/F1.6 ~ F3.5
Auto-focus	continuous, zoom trigger, day/night mode trigger, manual trigger
Day/Night	
Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
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 and lower resolutions
Multistreaming Mode	number of streams: 2
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, UDP, DHCP, DDNS, NTP, RTSP, PPPoE, SMTP
ONVIF Protocol Support	Profile S (ONVIF 2.4)
Camera Configuration	from Internet Explorer browser languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS
PTZ	
Preset Commands	247
Tours	12 (up to 32 presets per tour)
Auto-Scans	12
Patterns	6 (max. 1000 commands or 3000 s in total for all patterns)
Tilt/Pan Range	0° ~ 98°/360° (continuous)
Pan/Tilt Speed	up to 180°/s (proportional to zoom)
Preset Speed	up to 90°/s
Protocols	Pelco-D, Pelco-P
Other functions	
Privacy Zones	8
Image Processing	180° image rotation, sharpening, mirror effect
System Reaction to Alarm Events	e-mail with attachment, alarm output activation, HTTP notification, PTZ
IR LED	
LED Number	8
Range	up to 100 m (depends on current optical zoom value)
Angle	up to 45° (depends on current optical zoom value)
Interfaces	
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
Installation parameters	
Dimensions (mm)	205 (Φ) x 332 (H) with bracket: 205 (W) x 410 (H) x 270 (L)
Weight	4.3 kg with bracket: 4.7 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	20 W, 32 W (IR illuminator on), 40 W (IR and heater on)
Operating temperature with housing	-40°C ~ 60°C
Built-in Heater/Fan	yes/yes