Speed Dome IP Camera

NVIP-2DN7020SD-2P

KEY FEATURES

- Resolution: 2 MPX
- Lens: motorized, auto-iris (P-Iris) and auto-focus function,
- D/N function - IR cut filter
- microSD card support
- Min. Illumination from 0.01 lx

COMPLIANCE

DIMENSIONS

IMAGE

Image Sensor	2 MPX CMOS sensor 1/2.8" SONY
Number of Effective Pixels	1920 (H) x 1080 (V)
Min. Illumination	0.05 lx/F1.6 - color mode (DSS) • 0.01 lx/F1.6 - B/W mode (DSS)
Electronic Shutter	auto/manual: 1/1 s ~ 1/10000 s
Digital Slow Shutter (DSS)	up to 1 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	2D
Defog Function (F-DNR)	yes

LENS

Optical Zoom	20x
Lens Type	motorized, auto-iris (P-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
Switching Schedule	yes

NETWORK

Stream Resolution	1920 x 1080 (Full HD), 1280 x 1024 (SXGA), 1280 x 720 (HD), 1024 x 768 (XGA), 800 x 600 (SVGA), 720 x 576 (D1), 640 x 480 (VGA), 352 x 288 (CIF)
Frame Rate	30 fps for each resolution
Multistreaming Mode	number of streams: 4
Video/Audio Compression	H.264, MJPEG/G.711, G.726
Number of Simultaneous Connections	max. 4
Bandwidth	16 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, PPPoE
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	256
Tours	8 (up to 64 presets per tour)

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Auto-Scans	4
Patterns	8 (max. 206 s for each pattern)
Tilt/Pan Range	-10° ~ 190°/360° (continuous)
Pan/Tilt Speed	up to 90°/s (proportional to zoom)
Preset Speed	up to 400°/s

OTHER FUNCTIONS

Privacy Zones	16
Motion Detection	yes
Image Processing	180˚ image rotation, sharpening, mirror effect
Prealarm/Postalarm	up to 3 s or 20 frames/up to 9999 s or 20 frames
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

INTERFACES

Audio Input/Output	1/1
Alarm Input/Output	4 (NO/NC)/2 relay type (max. 12VDC/300mA)
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD

INSTALLATION PARAMETERS

Dimensions (mm)	192 (Φ) x 282 (H) with bracket: 192 (W) x 354 (H) x 254 (L)
Weight	2.3 kg with bracket: 2.9 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium/plastic, white, poly-carbonate bubble, In set: outdoor housing (integrated with the camera), wall mount bracket
Power Supply	24 VAC, PoE++ (IEEE 802.3bt, Class 5)
Power Consumption	24 W • 59.5 W (heater on)
Operating Temperature	-40°C ~ 50°C
Operating Temperature	*
Built-in Heater/Fan	yes/yes

** For both PoE+ and 24VAC power supply, the maximum power consumption (with the heater turned on) is 59.5W*