Speed Dome IP Camera

NVIP-3DN3520SD/IRH-2-II

KEY FEATURES

- Resolution: 3 MPX
- Lens: motorized varifocal, AI and AF function, optical zoom 20x, f=5.5 ~ 110 mm/F1.6 ~ 3.5
- D/N function - IR cut filter
- PTZ control via coaxial cable
- Min. Illumination from 4 lx (0 lx, IR on)
- IR LED, range up to 100 m (depends on current optical zoom value)

DIMENSIONS

IMAGE

Image Sensor	3 MPX CMOS sensor 1/2.8” SONY
Number of Effective Pixels	2048 (H) x 1536 (V)
Min. Illumination	4.0 lx/F1.6 - color mode • 0 lx (IR on) - B/W mode
S/N Ratio	> 48 dB (AGC off)
Electronic Shutter	auto: 1/25 s ~ 1/10000 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	3D
Defog Function (F-DNR)	yes

LENS

Optical Zoom	20x
Lens Type	motorized, auto-iris function, f=5.5 ~ 110 mm/F1.6 ~ F3.5
Auto-focus	continuous, zoom trigger, day/night mode 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), 2048 x 1536 (QXGA), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA)
Frame Rate	30 fps for and lower resolutions
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.265, MJPEG/G.711
Number of Simultaneous Connections	max. 3
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 2.3)
Camera Configuration	from Internet Explorer browser • languages: Polish, English
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS

PTZ

Preset Commands	235
Tours	8 (up to 16 presets per tour)
Auto-Scans	2
Patterns	4 (max. 180 s for each pattern)

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Tilt/Pan Range	0° ~ 93°/360° (continuous)
Pan/Tilt Speed	up to 160°/s (proportional to zoom)
Preset Speed	up to 240°/s
Protocols	Pelco-D, Pelco-P, COAX

OTHER FUNCTIONS

Access Password	number of characters: 4 numbers
Motion Detection	yes
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	4
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 - Digital AHD/TVI 1080p
Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm)
Alarm Input/Output	4 (NO/NC)/1 relay type (max. 12VDC/300mA)
RS-485	yes
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 64GB

INSTALLATION PARAMETERS

Dimensions (mm)	208 (Φ) x 317 (H) with bracket: 205 (W) x 470 (H) x 313 (L)
Weight	3.5 kg with bracket: 4.2 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, white, IK10 impact rating, In set: outdoor housing (integrated with the camera), wall mount bracket
Power Supply	24 VDC/24 VAC
Power Consumption	15 W (IR illuminator on) • 30 W (IR and heater on)
Operating Temperature	-30°C ~ 60°C
Built-in Heater/Fan	yes/no