



Speed Dome IP Camera

NVIP-3DN3520SD/IRH-2



6000

VSS
IP

FUNCTIONS



COMPLIANCE



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
- 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	255
Tours	8 (up to 16 presets per tour)
Auto-Scans	2
Patterns	4 (max. 300 s for each pattern)
Tilt/Pan Range	0° ~ 93°/360° (continuous)
Pan/Tilt Speed	up to 160°/s (proportional to zoom)
Preset Speed	up to 240°/s
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	
Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm)
Alarm Input/Output	1 (NO/NC)/1 relay type (max. 12VDC/300mA)
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Installation parameters	
Dimensions (mm)	208 (Ø) 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	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	-20°C ~ 60°C
Built-in Heater/Fan	yes/no