



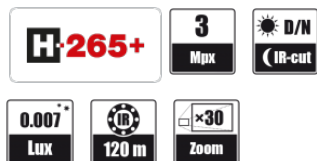
Speed Dome IP Camera

NVIP-3DN5030SD/IRH-2

5000
IP SERIES



FUNCTIONS



KEY FEATURES

- Resolution: 3 MPx
- Lens: motorized, auto-iris and auto-focus function, optical zoom 30x, f=4.3 ~ 129 mm/F1.6 ~ 14
- D/N function - IR cut filter
- Auto Tracking
- Video content analysis
- Min. Illumination from 0.007 lx (0 lx, IR on)
- IR LED, range up to 120 m (depends on current optical zoom value)

DIMENSIONS



Image	
Image Sensor	3 MPx CMOS sensor 1/2.8" SONY Exmor R STARVIS
Number of Effective Pixels	2048 (H) x 1536 (V)
Min. Illumination	0.07 lx/F1.6 - color mode, 0.007 lx/F1.6 - B/W mode, 0 lx (IR on) - B/W mode
S/N Ratio	> 50 dB (AGC off)
Electronic Shutter	auto/manual: 1/1 s ~ 1/10000 s
Digital Slow Shutter (DSS)	up to 1 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes
Lens	
Optical Zoom	30x
Lens Type	motorized, auto-iris function, f=4.3 ~ 129 mm/F1.6 ~ F14
Auto-focus	continuous, zoom trigger, manual trigger
Day/Night	
Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	0 ~ 180 s
Switching Schedule	yes
Visible Light Sensor	yes
Network	
Stream Resolution	1920 x 1080 (Full HD), 2048 x 1536 (QXGA), 1280 x 720 (HD), 704 x 576, 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: 3
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711, RAW_PCM
Number of Simultaneous Connections	max. 10
Bandwidth	18 Mb/s in total
Network Protocols Support	IPv4, IPv4/v6, UDP, HTTPS, DHCP, DNS, DDNS, RTSP, RTP, SNMP, PPPoE, RTCP
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	393
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
Video Analytics	
Functions	auto tracking, zone entrance detection and object tracking
Other functions	
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	180° image rotation, sharpening, mirror effect
System Reaction to Alarm Events	e-mail with attachment, alarm output activation, PTZ
IR LED	
LED Number	8
Range	up to 120 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
RS-485	yes
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Installation parameters	
Dimensions (mm)	205 (Ø) 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 (100 ~ 240 VAC/24 VAC PSU in-set included)
Power Consumption	20 W, 32 W (IR illuminator on), 40 W (IR and heater on)
Humidity	max. 90%, relative (non-condensing)
Operating temperature with housing	-40°C ~ 60°C
Built-in Heater/Fan	yes/yes

Technical data applies to the camera with the firmware version v3.5.0804.1004.89.0.30.11.16