NOVUS

Speed Dome IP Camera
NVIP-3DN7030SD/IRH-2P

7000 PRO IP SERIES

KEY FEATURES

3 Mpx	D/N IR-cut	0.01 Lux	IR 150 m	×30 Zoom

KEY FEATURES

- Resolution: 3 MPX
- Lens: motorized, auto-iris (P-Iris) and auto-focus function,
- D/N function - IR cut filter
- Auto Tracking
- SD card support
- Min. Illumination from 0.01 lx
- IR LED, range up to 150 m

DIMENSIONS

207 mm

399 mm

260 mm

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	0.04 lx/F1.6 - color mode (DSS) • 0.01 lx/F1.6 - B/W mode (DSS) • 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/1 s ~ 1/10000 s
Digital Slow Shutter (DSS)	up to 1 s
Wide Dynamic Range (WDR)	yes (triple and double scan sensor), 120dB
Digital Noise Reduction (DNR)	2D, 3D

LENS

Optical Zoom	30x
Lens Type	motorized, auto-iris (P-Iris) function, f=4.3 ~ 129 mm/F1.6 ~ F4.7
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), 2048 x 1536 (QXGA), 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), 320 x 240 (QVGA)
Frame Rate	60 fps for and lower resolutions
Multistreaming Mode	number of streams: 4
Video/Audio Compression	H.264, MJPEG/µ-Law, G.711, G.726, AAC
Number of Simultaneous Connections	max. 10
Bandwidth	50 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SSL, ICMP, Unicast
ONVIF Protocol Support	Profile S (ONVIF 2.6)
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)
Auto-Scans	4

Patterns	8
Tilt/Pan Range	-20° ~ 200°/360° (continuous)
Pan/Tilt Speed	up to 90°/s (proportional to zoom)
Preset Speed	up to 300°/s
Protocols	Pelco-D, Pelco-P

VIDEO ANALYTICS

Functions	auto tracking

OTHER FUNCTIONS

Privacy Zones	20
Motion Detection	yes
Audio Detection	
Image Processing	90˚ image rotation, 180˚ image rotation, sharpening, mirror effect
Prealarm/Postalarm	up to 3 s or 20 frames/up to 99999 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

IR LED

LED Number	12
Range	up to 150 m (depends on current optical zoom value)

INTERFACES

Video Output	BNC, 1.0 Vp-p, 75 Ohm - maintenance only
Audio Input/Output	1/1
Alarm Input/Output	4 (NO/NC)/2 relay type (max. 12VDC/300mA)
RS-485	yes
Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s
Memory Card Slot	SD - capacity up to 64GB

INSTALLATION PARAMETERS

Dimensions (mm)	207 (Φ) x 300 (H) with bracket: 207 (W) x 399 (H) x 260 (L)
Weight	3.0 kg with bracket: 3.8 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium/plastic, white, In set: outdoor housing (integrated with the camera), wall mount bracket
Power Supply	12 VDC, 24 VAC
Power Consumption	14 W • 29 W (IR illuminator on) • 41.5 W (IR and heater on)
Operating Temperature	-40°C ~ 50°C
Humidity	max. 90%, relative (non-condensing)
Built-in Heater/Fan	yes/yes

Control of the camera using NV-KBD50 keyboard works in a limited range.