NOVUS

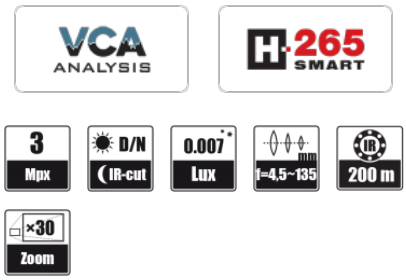
Speed Dome IP Camera

NVIP-3SD-8200/30

8000 VSS IP



KEY FEATURES



- Resolution: 3 MPX
- Lens: motorized, auto-iris and auto-focus function, optical zoom 30x, f=4.5 ~ 135 mm/F1.6 ~ 4.4
- D/N function - IR cut filter
- Auto Tracking
- Video content analysis
- WDR with double scan sensor
- Min. Illumination from 0.007 lx (0 lx, IR on)
- IR LED, range up to 200 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	2065 (H) x 1553 (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	> 55 dB (AGC off)
Electronic Shutter	auto/manual: 1/5 s ~ 1/20000 s
Digital Slow Shutter (DSS)	up to 1/5 s
Wide Dynamic Range (WDR)	yes (double scan sensor), 120dB
Digital Image Stabilization (DIS)	yes
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes

LENS

Optical Zoom	30x
Lens Type	motorized, auto-iris function, f=4.5 ~ 135 mm/F1.6 ~ F4.4
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, 704 x 480, 640 x 480 (VGA), 640 x 360, 352 x 288 (CIF), 352 x 240, 320 x 240 (QVGA)
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.264 Smart, H.265, H.265 Smart, MJPEG/G.711, RAW_PCM
Number of Simultaneous Connections	max. 8
Bandwidth	30 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, PPPoE, RTCP

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Camera Configuration	from Internet Explorer browser • languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC

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 180°/s
Protocols	Pelco-D

VIDEO ANALYTICS

Functions	auto tracking, auto tracking linked to Video Content Analysis (VCA) functions, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking

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, saving file on FTP server, alarm output activation, PTZ, playback of the audio message

IR LED

LED Number	10
Range	up to 200 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)	226 (Φ) x 363 (H) with bracket: 226 (W) x 425 (H) x 345 (L)
Weight	5.1 kg with bracket: 6.1 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 • Enclosure type: 8SD
Power Supply	24 VAC, PoE (tylko z NV-8000PS/HP) • (100 ~ 240 VAC/24 VAC PSU in-set included)
Surge protection	TVS 6000 V

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Power Consumption	18 W • 46 W (IR and heater on)
Operating Temperature	-30°C ~ 60°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.
The "Playback of the audio message" function is available from firmware version v3.6.0804.1004.89.0.15.8.4