NOVUS

8 MPX Speed Dome IP Camera with face detection and intelligent object tracking

NVIP-8SD-6550/32/F-II





FUNCTIONS



























KEY FEATURES

- •Resolution: 8 MPX (4K Ultra HD)
- •Lens: motorized varifocal, Al and AF function, optical zoom 32x, f=4.8 ~ 154 mm/F1.3 ~ 4.8
- •D/N function IR cut filter •Auto Tracking
- •Video content analysis based on Deep Learning
 •microSD card support
- •WDR with double scan sensor
- •two-way audio
- •Min. Illumination from 0.002 lx (0 lx, IR on)
 •IR LED, range up to 200 m (depends on
- current optical zoom value)

DIMENSIONS

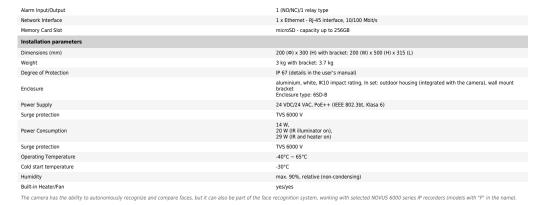
Image	
Image Sensor	8 MPX CMOS sensor 1/2.8" SONY STARVIS
Number of Effective Pixels	3864 (H) x 2192 (V)
Min. Illumination	0.01 lx/F1.3 - color mode, 0.002 lx/F1.3 - BW mode, 0 lx IX Ron - BW mode
S/N Ratio	> 52 dB (AGC off)
Electronic Shutter	auto: 1/25 s ~ 1/25000 s
Wide Dynamic Range (WDR)	yes (double scan sensor), 120dB
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes
Digital zoom	8x
Lens	
Optical Zoom	32x
Lens Type	motorized, auto-iris function, f=4.8 ~ 154 mm/F1.3 ~ F4.8
Auto-focus	zoom trigger, day/night mode trigger, manual trigger
DORI	
DORI (Detection, Observation, Recognition, Identification)	for f = 4.8mm - D: 143.4m, O: 56.9m, R: 28.7m, I: 14.3m for f = 154mm - D: 4093.8m, O: 1624.5m, R: 818.8m, I: 409.4m
Day/Night	
Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Visible Light Sensor	yes
Network	
Stream Resolution	3840 x 2160 (4K Ultra HD), 2560 x 1440 (QHD), 1920 x 1080 (Full HD), 1280 x 960, 1280 x 720 (HD), 704 : 576, 640 x 480 (VGA), 320 x 240 (QVGA)
Frame Rate	30 fps for each resolution
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MIPEG/G.711
Number of Simultaneous Connections	max. 10
	for H.264 : 256 kbps - 12288 kbps
Bitrate	for H.265 : 128 kbps - 8192 kbps
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.13 PPPOE, SMTP, RTCP, ICMP, HTML5, RTMP
ONVIF Protocol Support	Profile G/S/T
Camera Configuration	from Edge, Firefox, Chrome, Opera browser languages: Polish, English, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
Mobile applications	ipGO 6 (iPhone, Android)
PTZ	
Preset Commands	360 including 20 special (function) presets
Tours	8 (up to 16 presets per tour)
Patterns	4 (max. 180 s for each pattern)
Tilt/Pan Range	-25° ~ 155°/360° (continuous)
Pan/Tilt Speed	up to 360°/s (proportional to zoom)
Preset Speed	up to 330°/s
Video Analytics	
Functions	auto tracking linked to Video Content Analysis (VCA) functions, tamper, line cross, zone entrance, zone exi cross counting, objects distinguishing, face recognition, comparing faces, intrusion detection
Other functions	
Security	IEEE 802.1X support, HTTPS support, MAC/IP address filtering, force change of default password
Privacy Zones	8 video mask type: single color
Motion Detection	yes
Image Processing	sharpening, vertical flip, horizontal flip
Prealarm/Postalarm	up to 6 s/up to 120 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, object tracking
Restoring default settings	via web browser, using reset button, via NMS IPTool software
IR LED	
LED Number	8
Range	up to 200 m (depends on current optical zoom value)
Smart IR	yes (hardware support)
Interfaces	
Audio Input/Output	1 x ack (3.5 mm)/1 x ack (3.5 mm)
	- 1. Jen. 1919 1111/12 A Jack 1919 1111/1

The camera is dedicated to work with NOVUS 6000 series recorders. Detailed data can be found in the

compatibility table available in the DOWNLOADABLE FILES tab.

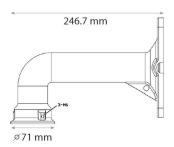


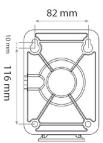
200 mm Ø





315mm





115 mm