8MPX IP Camera with video content analysis

NVIP-8H-8932M/F



KEY FEATURES

- •Resolution: 8 MPX
- •Lens: motorized, auto-focus function, f=3.6 ~ 11 mm/F1.3
- •active deterrence
- •D/N function - IR cut filter
- •Video content analysis based on Deep Learning
- •microSD card support
- •WDR with double scan sensor
- •two-way audio
- •Min. Illumination: 0.003 lx (0 lx, IR on)
- •IR LED, range up to 50 m

COMPLIANCE

DIMENSIONS



IMAGE

Image Sensor	8 MPX CMOS sensor 1/1.8” SONY STARVIS
Number of Effective Pixels	3840 (H) x 2160 (V)
Min. Illumination	0.003 lx/F1.3 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto: 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 Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes

LENS

Lens Type	motorized, f=3.6 ~ 11 mm/F1.3
Auto-focus	zoom trigger, manual trigger

DORI

DORI (Detection, Observation, Recognition, Identification)	for f = 3.6mm - D: 85m, O: 34m, R: 17m, I: 9m • for f = 11mm - D: 185m, O: 74m, R: 37m, I: 19m

DAY/NIGHT

Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	0 ~ 180 s

NETWORK

Stream Resolution	3840 x 2160 (4K Ultra HD), 2560 x 1440 (QHD), 2592 x 1520, 2592 x 1944, 2304 x 1296, 720 x 576 (D1), 640 x 480 (VGA), 352 x 288 (CIF), 320 x 240 (QVGA)
Frame Rate	30 fps for each resolution
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.265, MJPEG/G.711, RAW_PCM
Number of Simultaneous Connections	max. 10
Bitrate	for H.264 : 100 kbps - 16000 kbps • for H.265 : 100 kbps - 16000 kbps
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, P2P, HTML5
ONVIF Protocol Support	Profile G/S/T/M

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Camera Configuration	from Edge, Firefox, Chrome, Opera, Safari browser • languages: Polish, English, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC

VIDEO ANALYTICS

Functions	line cross, double line cross, multi loiter, wrong direction, illegal parking, face detection, pedestrian detection, objects distinguishing, people counting, vehicle detection, intrusion detection, smart motion detection with objects distinguishing, missing safety vest detection, missing helmet detection, running detection, fall detection, fight detection

OTHER FUNCTIONS

Security	IEEE 802.1X support, HTTPS support, IP and/or MAC address filtering, force change of default password
Dynamic Image Anonymization	Face Mosaic Masking, Full-body Mosaic Masking
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Audio Detection	decline detection, rise detection
Image Processing	corridor mode, vertical flip, horizontal flip
Prealarm/Postalarm	-/up to 86400 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, playback of the audio message
Determent	built-in speaker (predefined or custom voice messages)
Restoring default settings	via web browser, using reset button

IR LED

LED Number	5
Range	50 m
Smart IR	yes (software support)

INTERFACES

Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone/speaker
Alarm Input/Output	1 (NO/NC)/1 relay type (max. 12VDC/300mA)
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 1000GB

INSTALLATION PARAMETERS

Dimensions (mm)	with bracket: 88 (W) x 97 (H) x 243 (L)
Weight	0.9 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, white, fully cable managed wall mount bracket in-set included • enclosure type: 8H
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Power Consumption	3.5 W • 10 W (IR illuminator on)
Operating Temperature	-40°C ~ 60°C
Humidity	max. 90%, relative (non-condensing)