4 MPX IP Camera with white light and IR illuminator

NVIP-4VE-6103/WL/LITE



KEY FEATURES

- •Resolution: 4 MPX
- •Lens: fixed focal, f=2.8 mm/F2.0
- •built-in microphone
- •D/N function - IR cut filter
- •Video content analysis based on Deep Learning
- •Min. Illumination from 0.015 lx (0 lx, IR on)
- •IR LED, range up to 30 m
- •white LED illuminator, range up to 20 m

COMPLIANCE

DIMENSIONS

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.

IMAGE

Image Sensor	4 MPX CMOS sensor 1/3” SmartSens
Number of Effective Pixels	2568 (H) x 1448 (V)
Min. Illumination	0.015 lx/F2.0 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/3 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1/3 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	3D
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes

LENS

Lens Type	fixed focal, f=2.8 mm/F2.0

DORI

DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 58m, O: 23m, R: 12m, I: 6m

DAY/NIGHT

Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	2 ~ 6000 s
Switching Schedule	yes

NETWORK

Stream Resolution	2560 x 1440 (QHD), 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 640 x 360, 352 x 240, 480 x 240
Frame Rate	30 fps for each resolution
Multistreaming Mode	number of streams: 2
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Number of Simultaneous Connections	max. 6
Bitrate	for H.264 : 32 kbps - 4096 kbps • for H.265 : 32 kbps - 4096 kbps
Network Protocols Support	HTTP, IPv4, IPv4/v6, UDP, DHCP, NTP, RTSP, IEEE 802.1X, P2P, HTML5

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Camera Configuration	from Internet Explorer, 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)

VIDEO ANALYTICS

Functions	line cross, intrusion detection • functions intrusion and line crossing respond only to people

OTHER FUNCTIONS

Security	video encryption, configuration encryption, IEEE 802.1X support, Basic authorization for HTTP/RTSP, Digest authorization for HTTP/RTSP, IP and/or MAC address filtering, force change of default password
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	sharpening, mirror effect, vertical flip, horizontal flip
Prealarm/Postalarm	-/up to 120 s
Restoring default settings	via web browser, via NMS IPTool software, via IP Tool 6000 software

IR LED

LED Number	1
Range	30 m
Smart IR	yes (software support)

WHITE LIGHT ILLUMINATOR

LED Number	1, warm white color
Range	20 m
Smart Light	yes (software support)

INTERFACES

Audio Input/Output	built-in microphone
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s

INSTALLATION PARAMETERS

Dimensions (mm)	95 (Φ) x 83 (H)
Weight	0.3 kg
Degree of Protection	IP 67 (details in the user's manual)
Enclosure	plastic - metal, white • Enclosure type: 6VE-SL
Power Supply	PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	3 W • 6 W (IR illuminator on) • 4.5 W (white light illuminator on)
Operating Temperature	-20°C ~ 55°C
Humidity	max. 95%, relative (non-condensing)