NoVus

IP Camera with video content analysis based on Deep Learning

NVIP-2H-6511/F

6000 VSS

FUNCTIONS



KEY FEATURES

•Resolution: 2 MPX (Full HD) •Lens: fixed focal, f=2.8 mm/F1.6 •Human/Vehicle Object Classification •D/N function - IR cut filter •Video content analysis based on Deep Learning •microSD card support •WDR with double scan sensor •Min. Illumination: 0.005 lx (0 lx, IR on) •IR LED, range up to 50 m

DIMENSIONS





220 mm



NOVUS

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	2 MPX CMOS sensor 1/2.8" SONY STARVIS
Number of Effective Pixels	1945 (H) x 1097 (V)
Min. Illumination	0.005 lx/F1.6 - 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 (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
Lens	
Lens Type	fixed focal, f=2.8 mm/F1.6
Day/Night	
Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	ves
Switching Delay	2 ~ 120 s
Switching Schedule	Ves
Visible Light Sensor	yes Ves
Network	,
Stream Resolution	1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA), 480 x 240
Frame Rate	30 fps for and lower resolutions
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.264+, H.264 Smart, H.265, H.265+, H.265 Smart, MJPEG/G.711
Number of Simultaneous Connections	max. 10
Bandwidth	60 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/D IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, Unicast, SSL/TLS
ONVIF Protocol Support	Profile G/S
Camera Configuration	from Internet Explorer browser languages: Polish, English, Russian, and others
	NOVUS MANAGEMENT SYSTEM VSS, N Control 6000
Mobile applications	NOVUS MANAGEMENT SYSTEM VSS, N Control 6000 SuperLive Plus (iPhone, Android)
	SuperLive Plus (iPhone, Android)
	SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object countin
Mobile applications Video Analytics Functions	SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, detection, pedestrain detection, cross counting, scene change, video blurred, video color cast, objects
Mobile applications Video Analytics Functions Other functions	SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object countin detection, ediestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting
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Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prealarn/Postalarm System Reaction to Alarm Events Reatoring default settings IR LED	SuperLive Plus (IPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, object distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distort correction up to 6 slup to 120 s e-mail, e-mail with attachment, saving file on FIP server, saving file on SD card via web browser, using reset button, via NMS IPTool software
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Humidity

max. 95%, relative (non-condensing)

The camera creates a fully functional face recognition system when used with selected NOVUS IP 6000 series recorders (models with "F" in the name).