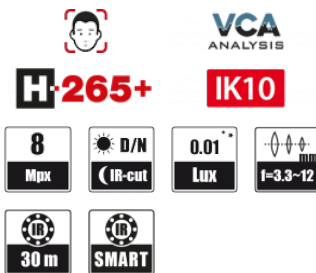


Vandal IP Camera with Motor-zoom Lens

NVIP-8V-6402M/F



FUNCTIONS



KEY FEATURES

- Resolution: 8 MPX (4K Ultra HD)
- Lens: motorized, auto-focus function, $f=3.3 \sim 12$ mm/F1.4
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- Min. Illumination: 0.01 lx (0 lx, IR on)
- IR LED, range up to 30 m

DIMENSIONS



Image	
Image Sensor	8 MPX CMOS sensor 1/2.5" SONY Exmor R STARVIS
Number of Effective Pixels	3840 (H) x 2160 (V)
Min. Illumination	0.01 lx/F1.4 - color mode, 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/3 s ~ 1/10000 s
Digital Slow Shutter (DSS)	up to 1/3 s
Wide Dynamic Range (WDR)	yes
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	motorized, $f=3.3 \sim 12$ mm/F1.4
Auto-focus	zoom trigger, day/night mode trigger, manual trigger
Day/Night	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time, light sensor
Switching Level Adjustment	yes
Switching Delay	2 ~ 120 s
Switching Schedule	yes
Visible Light Sensor	yes
Network	
Stream Resolution	3840 x 2160 (4K Ultra HD), 2560 x 1440 (QHD), 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 480 x 240, 320 x 240 (QVGA)
Frame Rate	30 fps for 3840 x 2160 (UHD) and lower resolutions
Multistreaming Mode	3 streams
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MPEG/G.711
Number of Simultaneous Connections	max. 4
Bandwidth	50 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, UDP, FTP, DHCP, DDNS, NTP, RTSP, PPPoE, SMTP, SSL/TLS
ONVIF Protocol Support	Profile S/G
Camera Configuration	from Internet Explorer browser languages: Polish, English, Russian, and others
Compatible Software	NMS, NVR-6000 Viewer
Mobile applications	SuperLive Plus (iPhone, Android)
Other functions	
Privacy Zones	4
Motion Detection	yes
Region of interest (ROI)	8
Video Content Analysis (VCA)	tamper, abandoned object, object disappearance, line cross, zone entrance, face detection, Scene Change, Video Blurred, Video Color Cast
Image Processing	90° image rotation, 180° image rotation, sharpening, mirror effect, corridor mode, 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, alarm output activation
Restoring default settings	via web browser, using reset button, via NMS IPTool software
IR LED	
LED Number	30
Range	30 m
Angle	90°
Smart IR	yes (software support)
Interfaces	
Video Output	BNC, 1.0 Vp-p, 75 Ohm - maintenance only
Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm)
Alarm Input/Output	1 (NO/NC)/1 relay type
RS-485	yes
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 128GB
Installation parameters	
Dimensions (mm)	150 (Ø) x 114 (H)
Weight	1 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	vandalproof IK10 impact rating aluminium, white
Power Supply	PoE, 12 VDC
Surge protection	TVS 4000 V
Power Consumption	4.5 W, 6.5 W (IR on)
Operating Temperature	-30°C ~ 60°C