



Vandal Proof IP Camera

NVIP-4DN5042V/IRH-2P

5000 PRO
IP SERIES



FUNCTIONS

VCA
ANALYSIS

IK10

4
MPx

D/N
IR-cut

0.034
Lux

I-3-12

15 m

COMPATIBILITY



KEY FEATURES

- Resolution: 4 MPX
- Lens: varifocal, auto iris DC, f=3 ~ 12 mm/F1.4
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- Min. Illumination from 0.034 lx (0 lx, IR on)
- IR LED, range up to 15 m

DIMENSIONS



Image	
Image Sensor	4 MPX CMOS sensor 1/3" OmniVision
Number of Effective Pixels	2688 (H) x 1520 (V)
Min. Illumination	0.07 lx/F1.4 - color mode, 0.034 lx/F1.4 - color mode (DSS), 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/5 s ~ 1/20000 s
Digital Slow Shutter (DSS)	up to 1/5 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	2D, 3D
Lens	
Lens Type	varifocal auto iris DC, f=3 ~ 12 mm/F1.4
Day/Night	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	0 ~ 180 s
Switching Schedule	yes
Visible Light Sensor	yes
Network	
Stream Resolution	2688 x 1520, 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 288 (CIF), 320 x 240 (QVGA)
Frame Rate	20 fps for 2688 x 1520, 2560 x 1440 (QHD), 25 fps for 2304 x 1296, 30 fps for 1920 x 1080 (Full HD) and lower resolutions
Multistreaming Mode	2 streams
Video/Audio Compression	H.264, MJPEG/G.711, RAW_PCM
Number of Simultaneous Connections	max. 8
Bandwidth	15 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, SMTP
Camera Configuration	from Internet Explorer, Firefox, Chrome, Opera browser languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS
Other functions	
Privacy Zones	5
Motion Detection	yes
Region of Interest (ROI)	5
Video Content Analysis (VCA)	tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, converse, illegal parking
Image Processing	180° image rotation, sharpening, mirror effect, corridor mode
Prealarm/Postalarm	up to 5 MB/up to 86400 s
System Reaction to Alarm Events	e-mail with attachment, saving file on SD card
IR LED	
LED Number	12
Range	15 m
Angle	120°
Interfaces	
Video Output	BNC, 1.0 Vp-p, 75 Ohm - maintenance only
Audio Input/Output	1 x RCA/I x RCA
Alarm Input/Output	1 (NO/NC)/1
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 64GB
Installation parameters	
Dimensions (mm)	130 (Ø) x 112 (H)
Weight	0.87 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	vandalproof IK10 impact rating aluminium, white poly-carbonate bubble
Power Supply	12 VDC/24 VAC, PoE (IEEE 802.3af, Class 3)
Power Consumption	5 W, 8 W (IR illuminator on), 10 W (IR and heater on)
Operating Temperature	-25°C ~ 55°C
Humidity	max. 85%, relative (non-condensing)
Built-in Heater/Fan	yes/no