

4 MPX Speed Dome IP Camera with face recognition and intelligent object tracking

NVIP-4SD-6550/30/F



KEY FEATURES



•Resolution: 4 MPX

Lens: motorized varifocal, Al and AF function, optical zoom 30x, f=4.7 ~ 141 mm/F1.5 ~ 4
D/N function - IR cut filter
Auto Tracking
Video content analysis based on Deep Learning
microSD card support
WDR with double scan sensor
two-way audio

•Min. Illumination from 0.002 lx (0 lx, IR on)

•IR LED, range up to 130 m (depends on current optical zoom value)

DIMENSIONS



IMAGE

IMAGE	
Image Sensor	4 MPX CMOS sensor 1/2.5" ON Semiconductor
Number of Effective Pixels	2560 (H) x 1440 (V)
Min. Illumination	0.01 lx/F1.5 - color mode • 0.002 lx/F1.5 - B/W mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto: 1 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1 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	
Optical Zoom	30x
Lens Type	motorized, auto-iris function, f=4.7 \sim 141 mm/F1.5 \sim F4
Auto-focus	zoom trigger, day/night mode trigger, manual trigger
DAY/NIGHT	
Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Visible Light Sensor	yes
NETWORK	
Stream Resolution	2560 x 1440 (QHD), 2304 x 1296, 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 each resolution
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.265, MJPEG/G.711
Number of Simultaneous Connecti	onsmax. 10
Bandwidth	70 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP





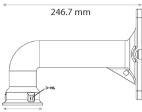




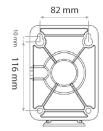
209 mm Ø

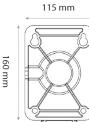


315mm



ø71 mm





4 MPX Speed Dome IP Camera with face recognition and intelligent object tracking NVIP-4SD-6550/30/F

ONVIF Protocol Support	Profile S
Camera Configuration	from Internet Explorer browser • languages: Polish, English, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
Mobile applications	SuperLive Plus (iPhone, Android)
PTZ	
Preset Commands	360 including 20 special (function) presets
Tours	8 (up to 16 presets per tour)
Patterns	4 (max. 360 commands or 180 s for each pattern)
Tilt/Pan Range	-5° ~ 90°/360° (continuous)
Pan/Tilt Speed	up to 80°/s (proportional to zoom)
Preset Speed	up to 150°/s

VIDEO ANALYTICS

Functions

auto tracking linked to Video Content Analysis (VCA) functions, tamper, line cross, zone entrance, zone exit, cross counting, scene change, video blurred, video color cast, zone entrance detection and object tracking, objects distinguishing, comparing faces

OTHER FUNCTIONS

OTHER FONCTIONS	
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Image Processing	180° image rotation, sharpening, mirror effect
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 SE card, object tracking
Restoring default settings	via web browser, using reset button, via NMS IPTool software
IR LED	
LED Number	5
Range	up to 130 m (depends on current optical zoom value)
Smart IR	yes (hardware support)
INTERFACES	
Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm)
Alarm Input/Output	1 (NO/NC)/1 relay type
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 256GB
INSTALLATION PARAMETERS	
Dimensions (mm)	209 (Φ) x 328 (H) with bracket: 209 (W) x 500 (H) x 315 (L)
Weight	3 kg with bracket: 3.7 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, white, IK10 impact rating, In set: outdoor housing (integrated with the camera), wall mount bracket
Power Supply	24 VDC/24 VAC, PoE+ (IEEE 802.3at, Klasa 4)
Surge protection	TVS 6000 V





4 MPX Speed Dome IP Camera with face recognition and intelligent object tracking NVIP-4SD-6550/30/F

Power Consumption	13 W • 20 W (IR illuminator on) • 30 W (IR and heater on)
Surge protection	TVS 6000 V
Operating Temperature	-30°C ~ 60°C
Cold start temperature	-25°C
Humidity	max. 90%, relative (non-condensing)
Built-in Heater/Fan	yes/yes

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

