

Speed Dome IP Camera with face recognition and intelligent object tracking

NVIP-4SD-6540/25/F-II



KEY FEATURES



•Resolution: 4 MPX

- •Lens: motorized varifocal, Al and AF function, optical zoom 25x, f=4.8 ~ 120 mm/F1.65 ~ 3.8
- •D/N function IR cut filter •Auto Tracking
- •Video content analysis based on Deep Learning •microSD card support
- •WDR with double scan sensor
- •Min. Illumination from 0.002 lx (0 lx, IR on)
- •IR LED, range up to 130 m (depends on current optical zoom value)

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	
Image Sensor	4 MPX CMOS sensor 1/2.5" ON Semiconductor
Number of Effective Pixels	2592 (H) x 1944 (V)
Min. Illumination	0.01 lx/F1.65 - color mode • 0.002 lx/F1.65 - 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	25x
Lens Type	motorized, auto-iris function, f=4.8 \sim 120 mm/F1.65 \sim F3.8
Auto-focus	zoom trigger, day/night mode trigger, manual trigger
DAY/NIGHT	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Schedule	yes
Visible Light Sensor	yes
NETWORK	
Stream Resolution	2560 x 1440 (QHD), 2048 x 1536 (QXGA), 1920 x 1080 (Full HD), 1280 x 960, 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 352 x 288 (CIF)
Frame Rate	30 fps for each resolution
Multistreaming Mode	3 streams
Video/Audio Compression	H.264, H.265, MJPEG/-
Number of Simultaneous Connecti	onsmax. 10
Bandwidth	50 Mb/s in total



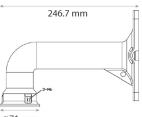




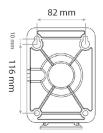
173 mm



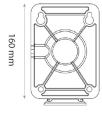
300 mm



ø71 mm



115 mm



Speed Dome IP Camera with face recognition and intelligent object tracking NVIP-4SD-6540/25/F-II

Camera Configurationfrom Internet Explorer browser + languages: Polish, English, and othersCompatible SoftwareNOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000Mobile applicationsSuperLive Plus (iPhone, Android)PTZPreset Commands360 including 20 special (function) presetsTours8 (up to 16 presets per tour)Patterns4 (max. 360 commands or 180 s for each pattern)Till/Pan Range-3° - 90°/360° (continuous)Part/Til Speedup to 200°/s (proportional to zoom)Preset Speedup to 200°/s (proportional to zoom)Preset Speedup to 200°/s (proportional to zoom)Preset Speedup to 200°/s (broportional to zoom)Inage Processing180° image rotation, sharpening, mirror effectPrealarm/Postalarmup to 6 s/up to 120 sSystem Reaction to Alarm Evente-mail with attachment, saving file on FTP server, saving file on SDSystem Reaction to Alarm Evente-inali with attachment, saving file on FTP server, saving file on SDRetoring default settingsvia web browser, via NMS IPTool softwareIPTERACESInterfaceInterface1 x Ethernet - RJ-45 interface, 10/100 Mbit/sMemory Card Sloti	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
AC, N Control 6000Mobile applicationsSuperLive Plus (iPhone, Android)PTZPreset Commands360 including 20 special (function) presetsTours8 (up to 16 presets per tour)Patterns4 (max. 360 commands or 180 s for each pattern)Patterns4 (max. 360 commands or 180 s for each pattern)Patterns4 (max. 360 commands or 180 s for each pattern)Patterns4 (max. 360 commands or 180 s for each pattern)Patterns4 (max. 360 commands or 180 s for each pattern)Preset Speedup to 200's (proportional to zoom)Preset Speedup to 200's (proportional to zoom)Preset Speedup to 200's (proportional to zoom)Preset Speedup to 240'/sOTHER FUNCTIONSauto tracking linked to Video Content Analysis (VCA) functions, tramper, line cross, zone entrance, zone exit, cross counting, scene change, video burred, video coir cat, zone entrance, zone exit, cross counting, scene change, video burred, video coir cat, zone entrance ethatige, video burred, video coir cat, zone exit, cross counting, scene change, video burred, video coir cat, zone entrance, zone exit, cross counting, scene change, video burred, video coir cat, zone entrance, zone exit, cross counting, scene change, video burred, video coir cat, zone entrance, zone exit, cross counting, scene change, video burred, video coir cat, zone entrance, zone exit, cross counting, scene change, video burred, video coir cat, zone entrance, zone exit, cross counting, scene change, video burred, video coir cat, zone exit, cross	Camera Configuration	
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Degree of ProtectionIP 66 (details in the user's manual)Enclosurealuminium, white, IK10 impact rating, in set: outdoor housing (integrated with the camera), wall mount bracketPower Supply12 VDC, PoE+ (IEEE 802.3at, Class 4)Surge protectionTVS 4000 VPower Consumption6 W • 15.5 W (IR illuminator on) • 22 W (IR and heater on)Operating Temperature-30°C ~ 55°CHumiditymax. 90%, relative (non-condensing)		
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Surge protection TVS 4000 V Power Consumption 6 W • 15.5 W (IR illuminator on) • 22 W (IR and heater on) Operating Temperature -30°C ~ 55°C Humidity max. 90%, relative (non-condensing)	Enclosure	
Power Consumption6 W • 15.5 W (IR illuminator on) • 22 W (IR and heater on)Operating Temperature-30°C ~ 55°CHumiditymax. 90%, relative (non-condensing)	Power Supply	12 VDC, PoE+ (IEEE 802.3at, Class 4)
Operating Temperature-30°C ~ 55°CHumiditymax. 90%, relative (non-condensing)	Surge protection	TVS 4000 V
Humidity max. 90%, relative (non-condensing)	Power Consumption	6 W • 15.5 W (IR illuminator on) • 22 W (IR and heater on)
	Operating Temperature	-30°C ~ 55°C
Built-in Heater/Fan yes/yes	Humidity	max. 90%, relative (non-condensing)
	Built-in Heater/Fan	yes/yes





Speed Dome IP Camera with face recognition and intelligent object tracking NVIP-4SD-6540/25/F-II

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

