

Speed Dome IP Camera

NVIP-2SD-6100/20/F



FUNCTIONS



KEY FEATURES

- Resolution: 2 MPX
- Lens: motorized varifocal, AI and AF function, optical zoom 20x, f=5.5 ~ 110 mm/F1.6 ~ 3.5
- PoE (IEEE 802.3at) supply
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- WDR with double scan sensor
- Min. Illumination from 0.003 lx (0 lx, IR on)
- IR LED, range up to 150 m (depends on current optical zoom value)

DIMENSIONS



Image	
Image Sensor	2 MPX CMOS sensor 1/2.8" SONY STARVIS
Number of Effective Pixels	1945 (H) x 1097 (V)
Min. Illumination	0.006 lx/F1.6 - color mode, 0.003 lx/F1.6 - B/W mode, 0 lx (IR on) - B/W mode
S/N Ratio	> 50 dB (AGC off)
Electronic Shutter	auto/manual: 1/1 s ~ 1/25000 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
Lens	
Optical Zoom	20x
Lens Type	motorized, auto-iris function, f=5.5 ~ 110 mm/F1.6 ~ F3.5
Auto-focus	zoom trigger
Day/Night	
Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Schedule	yes
Visible Light Sensor	yes
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.265, MJPEG/-
Number of Simultaneous Connections	max. 6
Bandwidth	36 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, SSL/TLS
ONVIF Protocol Support	Profile S
Camera Configuration	from Internet Explorer browser languages: Polish, English, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NVR-6000 Viewer
Mobile applications	SuperLive Plus (iPhone, Android)
PTZ	
Preset Commands	360 including 20 special (function) presets
Tours	8 (up to 16 presets per tour)
Auto-Scans	2
Patterns	4 (max. 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 80°/s
Video Analytics	
Functions	tamper, abandoned object, object disappearance, line cross, zone entrance, multi loiter, face detection, people counting
Other functions	
Privacy Zones	4
Motion Detection	yes
Image Processing	180° image rotation, sharpening, mirror effect, horizontal flip
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card
Restoring default settings	via web browser, using reset button, via NMS IPTool software
IR LED	
LED Number	6
Range	up to 150 m (depends on current optical zoom value)
Smart IR	yes (hardware support)
Interfaces	
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 128GB
Installation parameters	
Dimensions (mm)	173 (Φ) x 268 (H) with bracket: 173 (H) x 415 (H) x 300 (L)
Weight	2.1 kg with bracket: 2.8 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, white, In set: outdoor housing (integrated with the camera), wall mount bracket
Power Supply	12 VDC, PoE (IEEE 802.3at)
Surge protection	TVS 4000 V
Power Consumption	6 W, 15.5 W (IR illuminator on), 20 W (IR and heater on)
Operating Temperature	-30°C ~ 55°C
Humidity	max. 90%, relative (non-condensing)
Built-in Heater/Fan	yes/yes

Some Video Content Analysis functions can work properly only when the camera module is not moving.