Network Camera

NE5100ED-SIR2-AF
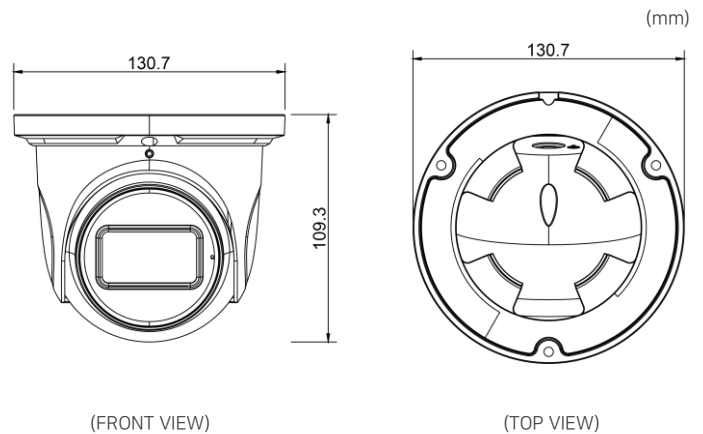
5MP | Motorized lens | Onvif | H.265 | PoE

Key Features

- · 5MP(2880×1620) H.265 coding
- · Max. resolution 2880×1620
- · 2.8mm~12mm Motorized lens
- · Support three streams
- · Built-in micro SD card slot, up to 256GB
- · ICR auto switch, True Day&Night, ROI
- · 3D DNR, WDR (120dB), HLC, BLC, smart IR
- · DC12V/PoE Power supply
- · 50m IR night view distance
- · IP67 Level Protection against Dust and Water
- · Intelligent analytics
- · Made in Korea

Dimension

(mm)

130.7

109.3

(FRONT VIEW)

130.7

(TOP VIEW)

Tech Note

Intelligent Features

- Support basic video analytics to detect object such as human, motor vehicle crossing designated line or area
- Abnormal video detection features when the video is blur and the scene is changed

Auto IP / PoE

- Support Auto IP feature that automatically adds IPC to NVR. Simply connect IPC to NVR's PoE port without any complicated network set up
- Easy to install with embedded PoE switch that provides power to IPC through Ethernet cable

Enhanced Security

- Various options to enhance the security : Video encryption, Setup encryption, Account lock and IP filtering

Made in Korea

- Proven quality of Made in Korea and reasonable cost

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Video

Compression	H.265, H.264, MJPEG
Resolution	5MP, 4MP, 3MP, 1080P, 720P, D1, 480x240, CIF
Bitrate	64Kbps ~ 8Mbps
Bitrate Control	VBR / CBR
Streaming	stream 1 : 5MP@20fps, 4MP/3MP/1080P/720P@30fps stream 2 : 720P/D1/CIF@30fps stream 3 : D1/480x240/CIF@30fp

Camera

Image Sensor		1/2.7″ CMOS
Max. Resolution		2880 (H) x 1620 (V)
Electronic Shutter		1/1s ~ 1 / 100000s
Min. Illumination	Color	0.007Lux @ (F1.6 , AGC ON)
	B/W	0 Lux with IR
Lens	Day & Night	True Day & Night
	Type	Motorized Vari-focal
	Focal Length	2.8~12mm
	Angle	H : 100°~36.5° V : 52°~20.5° D : 116°~41°
Features	Day/Night	Auto / Color / B&W / Extern / Low Light Color
	Image Enhancement	WDR (120dB), HLC, BLC
	DNR	Support
	Mirror	left/right (Horizontal), top/bottom (Vertical)
	White balance	Auto / AutoExt / Preset / Manual
	Privacy Mask	Support
	Event	Motion detection, Tampering detection
	DE-FOG	not supported
	AI feature	Human, Vehicle, Video Exception (scene change, video blur, video cast detection) Line cress and Regional intrusion detection
	IR distance	50m
	OSD	Support

Input / Output

Alarm	Input	not supported
	Output	not supported
Video Output		not supported
Audio	Input	1
	Output	not supported
Storage		Built-in micro SD card slot, up to 256GB

System

Management	System log, Import/Export settings, Time setting
Upgrade	Iptool upgrade, Webpage upgrade
Maintenance	Initialize Settings, Restart, Initialize partial settings, scheduled reboot
Webpage Language	Korean, English

Network & Software

Network & Software	Ethernet	RJ-45
	Port	Http : 80 / Https : 443 / RTSP : 554
	Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, RTMP, HTTP, HTTPs, QoS
	IP Camera Protocol	Onvif
	Simultaneous Live View	Up to 10 streams with Onvif (Supports 3 NVRs)
	Web Browser	Chrome, Edge, Safari, Firefox (HTML5 support)
	PC CMS Software	Control Center, Control Center Pro
	Mobile Viewer	Support (Android, iOS)
	Relay Server	not supported
Security		Online User, IP address filtering, illegal login lock

Environment

Power	DC 12V ± 10%, PoE (802.3af)
Dimension (mm)	Ø 130.7 × 109.3
Power Consumption	< 8.5W
Operation Temperature	- 30℃ ~ 60℃ (-22°F ~ +140°F)
Operation Humidity	0% RH ~ 95% RH
Protection	IP67
Certifications	KC, CE, FCC
Weight (g)	740

Specifications are subject to change without notice for product improvement.