

FW9719-KNR

4K IR Speed Dome

The FW9719-KNR is a high-quality IR PTZ IP camera featuring an 8-megapixel (effective pixels) progressive scan CMOS image sensor. Featuring the highly sensitive Sony Starvis sensor, it excels especially in low-light conditions. Simultaneous support for H.265, H.264, and MJPEG video compression enables low-capacity video recording using low network bandwidth. It delivers clear, high-definition video at up to 30fps@8MP (3840x2160) in progressive mode.

Key Features

- Backdoor Issue free - Non Hi-Silicon
- Native support for deep learning AI features
- Sony Starvis (1/1.8") 8MP PS CMOS image sensor
- Optical 40x Zoom, Digital 16x Zoom
- zoom proportional IR LED operating up to 150m
- Quadruple Streaming (H.265, H.264, M-JPEG, JPEG)
- Max 30fps @ 8MP (3840x2160)
- Built-in fan
- ONVIF Profile S, T, M
- VSFT Certified



Tech Notes

Intelligent Variable IR LED Control

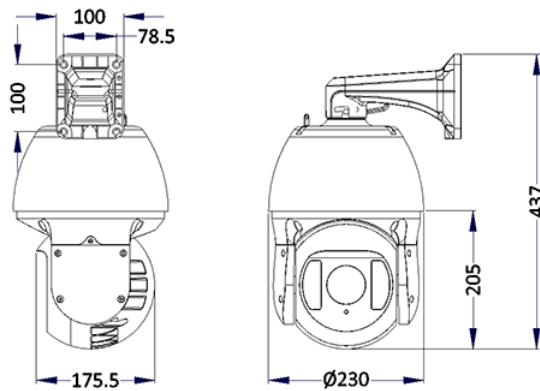
The IR LED brightness automatically adjusts based on the IP PTZ camera's zoom ratio when zooming in and out.

Text On Screen Display

Up to nine text strings can be set for camera direction and location display (each string can be up to 24 characters, including English letters, numbers, and special characters). The PTZ can display up to eight areas, such as Seoul to Busan, and the text strings are automatically displayed at each angle as the camera moves within the specified PAN angle.

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Technical Specifications



Camera	
Image Sensor	1/1.8" Sony 8MP CMOS
Lens	Optical 40x (Digital 16x) f=6.4~256.0mm (F1.35-F4.6) FOV(H) : 62.2° ~ 2.1°
Day & Night	True Day & Night (ICR)
Min. Illumination	Color : 0.0005 Lux @ (F1.35, AGC ON) B&W : 0.0001Lux @ (F1.35, AGC ON)
Pan Tilt Zoom	Pan : 360° Endless Tilt : -15°~93° Optical 40x, Digital 16x (Total 640x) 255 Preset, 8 Group, 8 Tour, 8 Swing. Auto flip, Auto parking, Power-up action Text display by 9 Pan angles
Video Stream	
System	64bit RISC-V Quad Core up to 594MHz, NAND Flash 2Gbit / LPDDR3 8Gbit
Compression	H.265, H.264, M-JPEG, JPEG
Resolution	3840x2160, 2560x1440, 1920x1080, 1280x720, 704x480, 640x352, 320x176, 160x96
Frame Rate	30fps/25fps @ 8MP (3840x2160)
Video Stream	Quadruple Streaming, selectable : H.265/H.264/MJPEG, Frame rate, Bitrate, VBR, CBR, CVBR, GOP
Video Setting	
Focus control	Auto/Semi Auto/Interval/Manual
Exposure control	Shutter: Auto / Priority / Shut. Priority / Manual (1/30s(25s) ~ 1/30,000s); Brightness; Backlight (BLC, Realtime WDR); Flickless; Iris; DSS; AGC
Day & Night	Day/ Night/ Ext, Day <-> Night Threshold
White Balance	Auto/Indoor/Outdoor/Manual
Privacy Masking	Max. 8
Image Setting	Gamma, sharpness, noise reduction (3DNR), DeFog, EIS, ACE, HLC, privacy, mirror
Text OSD	Max. 9 lines
Network	
Security	IP Filtering, HTTPS, Encrypted & Basic Authentication, Management White List
Protocol	HTTP, RTP/RTSP(Uni/Multicast), TCP/IP(v4/v6), UDP, FTP, Telnet, HTTPS, RARP, SNMP (OPTION), DHCP, NTP, SMTP client, uPnP/etc, Digest
DDNS	www.ipcctvdns.com
Interface	RJ45 Ethernet 10/100Mbps
System Integration	
Programing Interface	SDK, ONVIF Profile S, T, M
Video Analytic	Motion detection. Optional: ROI, Tripwire, Tampering, Face Detection
Triggering Event	Motion detection, triggering DI, triggering serial input, connected/ disconnected, boot finished
Action on Event	Pre-alarm & Post-alarm buffer. Upload FTP, Email notification, FCM Google notification
Connection	1 DI/ 1DO, RS485
Illuminator	

Type	6EA Power IR LED (Variable angle and distance)
Distance	Max. 150Meter
Onboard storage	
Type	-
Recording	Always, Schedule, Event, Schedule & Event
Playback	Browser (Chrome, I.E, Edge) Program (SMVP, SMVP lite, VLC) Mobile App (FlexWATCH Mobile App) VMS, NVR
Audio	
Compression	8bit G.711, 8KHz, 8KByte/sec
Audio stream	2 way
Connection	1 Audio In / 1 Audio Out
Hardware	
Case	Metal
Power Supply	AC to AC Adapter Output : AC24V / 3A PoE : Option (60W)
Power Consumption	Max 50W
Operating Environment	-40°C ~ +60°C, 10% ~ 90% RH
Dimension	230φ x 437(H) mm
Weight	About 6,500g without Bracket & Adapter
Approval	VSFT, KC, IP66
Accessories	Wall Bracket
Bundle Software	IP Installer PLUS, SMVP lite, Smart NVR Lite