



4K Day & Night Fixed Smart Dual Light Turret IP Camera

V1W4082A

SKU: 149829

This outdoor safety virtual protection system can support four sets of alert zones or directional alert lines simultaneously. Each alert zone or line can be set to trigger different events. With AI recognition, it can filter out invalid objects and significantly reduce false alarms.

Night recognition

Support vehicle recognition at 80X80 pixels, person recognition at 80X100 pixels, and motorcycle/bicycle recognition at 80X100 pixels

The alert zone/line can independently recognize different objects and trigger different events after identification.

Human features recognition includes standing, running, squatting, walking, crawling, climbing, wearing hats, holding umbrellas, etc.

Vehicle recognition includes bicycles, cars, motorcycles, buses, trains, trucks, excavators, etc.

Cold zone setting can eliminate environmental abnormalities in the recognition of objects and improve accuracy.

It is possible to set the selected object type, object size, and object confidence level to filter recognized objects.

Features

- Ultra HD 8M megapixel CMOS image sensor

- 8MP H.265/HEVC and H.264/AVC high-performance video compression

- Simultaneous streaming of H.265 and H.264 encoded streams

- 3D noise reduction (MCTF)

- 2D WDR function

- HDR function up to 140dB

- IVS

- Motion / Tamper / Audio / Network lost detection / Global Counter / Virtual Input / Metadata

- SMART event

- High-efficiency IR LED, radiant distance up to 30m, WarmLight viewable length up to 25m

- Day & Night (IR cut removable)

- Built-in highly sensitive microphone

- 1-way audio supported

- ONVIF Profile S , T , G supported

- IP67 rain and dust resistant

- Vandal resistant approve IK10

- EDGEAI

Min. illumination/Low Light Mode (Colour) Color : 0.08 Lux at F1.0 ; B/W : 0.02 Lux at F1.0 ; 0 Lux with IR LED ON
Focal Length 3.6mm Iris F1.0 Iris Control Fixed IRIS Angle of View 85° (H) , 46° (V) , 99.8° (D) Peak wavelength IR : 850nm, Warm Light : 3000K Beam Spread 60° , 90° Max IR distance IR : 30M, Warm Light : 25M Pick Up Element



1/2.8" CMOS image sensor Effective pixels 3864 (H) x 2176 (V) = 8,408,064 (Pixels) Light sensor Yes CE Yes, EMI Class A FCC Yes, EMI Class A UKCA Yes, EMI Class A IP Rating IP67 Vandal Resistant Rating / IK Rating IK10 (Casing) CPU Intel Core i7 or higher grade OS Windows 7 or above RAM 8GB or above, Dedicated Graphics Card Web browser Microsoft Internet Explorer 9 or above, Microsoft Edge (IE mode) Audio One-way Audio, G.711 u-law / AAC, Built-in Microphone Video Compression H.265/HEVC main profile, H.264 main and high profile, Motion JPEG Video streaming RTP/HTTP, RTP/TCP, RTP/UDP, Multicast streams in H.265 and H.264 and Motion JPEG, configurable frame rate and bandwidth Number of streams 3 Video bitrate 128Kbps - 12Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported, Fixed bitrate Encryption Base64 HTTP encryption, HTTPS encryption Authentication Digest HTTP authentication, RTSP authentication, DDNS via HTTPS Address Filter Yes Access Multiple user access levels with password protection User accounts 10 user accounts available Multi IP address Yes Resolution 4K(3840 x 2160), 6M(3072 x 2048), 5MP(2592 x 1944), 4MP(2304 x 1728), 3.1MP(2048 x 1536), 3MP(2304 x 1296), 2MP(1920 x 1080), 1.3MP(1280 x 960), 1MP(1280 x 720), D1(720 x 480, 720 x 576), VGA(640 x 480), CIF(352 x 240) Maximum Frame Rate Normal mode: 60Hz: 30 FPS @ 3840 x 2160 50Hz: 25 FPS @ 3840 x 2160 HDR mode: 60Hz: 20 FPS @ 3840 x 2160 50Hz: 20 FPS @ 3840 x 2160 Scanning System Progressive Scan Infrared Cut Filter Auto / Day (Color) / Night (Mono) / Schedule White Balance Auto / Manual Electrical Shutter 1/30(1/25)s - 1/20000s Sense Up Off / x2 / x4 / x8 / x16 Sense Up+ Yes Auto Gain Control 48 dB Variable Gain S / N Ratio More than 50dB (AGC off) 3D Noise Reduction Off / 1 - 32 Selectable 2D WDR Off / Auto / x2 / x3 / x4 High Dynamic Range(HDR) Up to 140dB (by HDR mode, 2 shutter line interleave) Privacy Masking Off / On (4 zones) Image Effects Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Rotation, Defog Smart IR Yes EV (Exposure Value) Adjustable Mobile Application Integrated to LILIN mobile app (LILIN Pro) iPhone, iPad, Android support Video Management ONVIF Profile S / ONVIF Profile T / ONVIF Profile G / IVS events, LILIN Navigator Enterprise 5.0 support, Third party VMS through LILIN HTTP API SD Card (recording) Support (128G) Micro SD/SDHC/SDXC card for circular recording (card is not included) Auto Focus Micron - 32GB, 64GB, 128GB, 256GB, 512GB, 1TB (SDXC, U1, C10) Transcend - 4GB SD, 8GB SDHC, 32GB SDHC C10, 128GB SDXC C10 SanDisk - 8GB SDHC, 32GB, 64GB, 128GB SDHC C10 Kingston - 64GB SDXC C10 Maintenance Firmware update via HTTP and IP Scan; Firmware available at website IVS Basic 1.0 Motion / Tamper Alarm event triggers Motion / Tamper / Audio / Network lost detection / Global Counter / Virtual Input / Metadata Alarm event actions FTP / SMTP / HTTP post / SD card / SAMBA / Push Service / Global Counter / Virtual Input / IR LED Languages English, Traditional Chinese, Simplified Chinese, Russian, Italian, Hungarian, Korean, French, Turkish, Arabic, Spanish, Japanese Network Interface/Ethernet 10BASE-T/100BASE-TX, RJ-45 OSD Position configurable text overlay for date, time, camera ID, event status CPU.Memory Embedded Dual-core ARM Cortex-A9 1.2GHz CPU & (DDR 1024MB/Flash 512MB) Network OS Embedded Linux 4.14 Protocols IPv4, TCP, UDP, HTTP, HTTPS, QoS, NTP, DDNS, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, SMTP, Multicast, ONVIF Profile S, ONVIF Profile T, ONVIF Profile G Max number of online users 10 simultaneous users Video Display LILIN Universal ActiveX & HTML5 Log Event & operation log & IVS event log Schedule Support holiday list Network Storage NAS (Support SAMBA/CIFS) Starting Temperature -10°C - +50°C (-14°F - 122°F) Operating temperature -30°C - +50°C (-22°F - 122°F) Storage temperature -25°C - +60°C (-13°F - 140°F) Operating humidity 0% - 90% RH Power Supply DC12V ±10% / PoE (IEEE 802.3af compliant) Power Consumption DC12V, 10.5W / PoE, 12W Dimensions ~100 x 90mm Weight 415g Casing Material Aluminum alloy Warranty 2 Years