



5MP Day & Night Fixed Smart Dual Light Turret IP Camera

V1W4452E2

SKU: 147515

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

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.

Specifications
Model V1W4452E2
Min. illumination/Low Light Mode (Colour) Color : 0.06 Lux at F1.3 ; B/W : 0.007 Lux at F1.3 ; 0 Lux with Light LED ON
Focal Length 2.8mm
Iris F1.3
Iris Control Fixed IRIS
Angle of View 111.5° (H) , 58.9° (V) , 134.8° (D)
Peak wavelength IR : 850nm, Warm Light : 3000K
Beam Spread 60° , 90°
Max IR distance IR : 30M, Warm Light : 25M
Pick Up Element 1/2.7" CMOS image sensor
Effective pixels 2880 (H) x 1620 (V) = 4,665,600 (Pixels)
Light sensor Yes
CE Yes, EMI Class A
FCC Yes, EMI Class A
IP 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)
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 5MP(2880 x 1616), 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 @ 2880 x 1616 50Hz: 25 FPS @ 2880 x 1616 HDR mode: 60Hz: 30 FPS @ 2880 x 1616 50Hz: 25 FPS @ 2880 x 1616
Scanning System Progressive Scan
Infrared Cut Filter Auto / Day (Color) / Night (Mono) / Schedule
White Balance Auto / Manual
Electrical Shutter 1/30(1/25)s - 1/30000s
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 WD Off / Auto / x2 / x3 / x4
High Dynamic Range(HDR) Up to 120dB (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 (128GB) Micro SD/SDHC/SDXC card for circular recording (card is not included)
SD Card Compatible List 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 / Network lost detection / Global Counter / Virtual Input / Metadata
Alarm event actions FTP / SMTP / HTTP post / SD card / SAMBA / Push Service / Global Counter / Virtual Input
Languages English, Traditional Chinese, Simplified Chinese, Russian, Italian, Hungarian, Korean,



French, Turkish, Arabic, Spanish, Japanese
Network Interface/Ethernet10BASE-T/100BASE-TX, RJ-45
OSD Position configurable text overlay for date, time, camera ID, event status
CPU. Memory Embedded Single core ARM Cortex-A9
960MHz CPU & (DDR 512MB / Flash 128MB)
Network OS Embedded Linux 4.19
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, ONVIF Profile M
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 PoE (IEEE 802.3af compliant)
Power Consumption POE, 5.7W
Dimensions ~111 x 87(H) mm
Weight 370g
Casing Material Aluminum alloy
Warranty 2 Year(s)