



4K Day & Night IP Box Camera



Features

- Ultra HD 12.0 megapixel CMOS image sensor
- 4K True H.264 AVC High Profile video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Tampering / Audio / Motion detection alarm function
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- ONVIF supported
- RS-485 supported

Description

4K Ultra HD Camera - UHG1182, is featuring 30FPS and 3,840-by-2,160-pixel picture. As the demand of super resolution in video surveillance is on the rise, 4K is the stepping stone of prevalent 1080P Full HD. LILIN's new 4K Ultra HD network camera, UHG1182, enhances HD images by providing four times HD picture with beautifully natural detail and astounding saturated colors. 4K Ultra HD video doubles the

vertical resolution from 1080P to 2160P vertical lines of resolution. The UHG1182 is also available with ONVIF compliance.

Specifications

| Model | UHG1182E |
|---|---|
| Pick Up Element | 1/2.3-inch CMOS |
| Effective pixels | 4072 (H) × 3046 (V) = 12,403,312 (pixels) |
| Video Compression | H.264 Main and High Profile, Motion JPEG |
| Resolution | 4K(3840×2160), 1080P(1920×1080), 720P(1280×720), D1(720×480), CIF(352×240) |
| Frame Rates | Single-stream mode, H.264 : up to 30 fps @ 3840 x 2160 (Video only support preview mode) ; Multi-stream mode, H.264 : up to 24fps @ 3840 x 2160, 30 fps @ 1920 x 1080, Motion JPEG : up to 30fps @ 1920 x 1080 |
| Video streaming | RTP/HTTP, RTP/TCP, RTP/UDP, Multicast |
| Video bitrate | 128Kbps □12Mbps ; Frame rate and bit rate controllable on-the-fly ; VBR / CBR / GOP supported |
| Scanning System | Progressive Scan |
| Infrared Cut Filter | Colour (Day), Monochrome (Night), Auto, Schedule, External control |
| Min. illumination/Low Light Mode (Colour) | 0.5 Lux at F1.2 (Color); 0.1 Lux at F1.2 (B/W) |
| White Balance | Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2 |
| Back Light Compensation (BLC) | On / Off |
| Electrical Shutter | 1/30(1/25)s to 1/30000s |
| Sense Up | Off / 1 frame / 2 frames |
| Sense Up+ | Yes |
| Auto Gain Control | 36 dB Variable Gain |

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| 3D Noise Reduction | 1/30(1/25)s to 1/30000s |
| 2D WDR | Off / Auto / x2 / x3/ x4 (by normal mode) |
| Privacy Masking | Four independent areas |
| Other functions | Sharpness, Image flip, Image mirror, Defog, Hue |
| Live Video Output | CVBS 1.0Vp-p, 75 ohm, RCA connector |
| Audio Input / Output | Mono, 1.4 Vp-p , 50 KΩ , 3.5mm phone jack |
| Encryption | Base64 HTTP encryption |
| Access | Multiple user access levels with password protection |
| Max number of online users | 10 users accounts available |
| IP address filter | Yes |
| Multi IP address | Yes |
| User accounts | 8 simultaneous users |
| ePTZ & Digital Zoom | Yes, ROI (Region of Interest) is supported |
| OSD (On-Screen Display) | Text overlay for date, time and camera name |
| Alarm event triggers | Tampering / audio / motion /alarm detection triggering recording into SD card ; Image upload over HTTP, FTP, and E-mail by tampering / audio / motion detection |
| Alarm event actions | FTP,SMTP, HTTP post, SD card, SAMBA |
| CPU | Embedded SoC, 1.2GHz Dual ARM Cortex-A9 & 600MHz ARM11, 1GB DDR3, 256MB flash memory |
| Firmware | Firmware upgrade via HTTP |
| Network Interface/Ethernet | 10/100/1000Mbps Base-T, RT-45 |
| CE | Yes, EMI CLASS A |
| FCC | Yes, EMI CLASS A |
| OS requirement | Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8 |
| Web browser | Microsoft® Internet Explorer® 6.0 and later |
| CPU requirement | Intel Core 2 Duo E6400 2.13GHz or above |
| RAM requirement | 2GB or above, Independent Display Card |

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| Protocols | IPv4, IPv6, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP, SIP, Bonjour |
| Mobile phone | Integrated to LILIN mobile app (LILINViewer) ; iPhone, iPad, Android support |
| Video Management | ONVIF Profile S / LILIN NAV 1.0 / Third party VMS through LILIN HTTP API |
| Video Display | LILIN Universal ActiveX & LILIN Java Applet |
| OS | Embedded Linux 3.8.0 |
| Audio | Two-way Audio, G.711 u-law / PCM / AAC, Built-in Microphone |
| SD Card (recording) | Support Micro SD/SDHC/SDXC card for circular recording (card is not included) |
| Alarm Input / output | Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load max. 40VDC/300mA) |
| Operating temperature | -25℃ to 50℃ (-13℉ to 122℉) |
| Dimensions | 70mm(W) × 50mm(H) × 135mm(D) |
| Weight | 420g approx. |
| Power Supply | DC12V ±10% □Power over Ethernet (IEEE 802.3af compliant) |
| PoE | IEEE802.3af |
| Power Consumption | DC12V, 7.2W / PoE, 8W |