



## 4K H264 IP cameras

Ultra HD Resolution

3840(H) x 2160(V) 30FPS

4000(H) x 3000(V) 15FPS

### Key Features:

- Ultra HD 12.0 megapixel CMOS image sensor
- 3840 X2160 30FPS
- 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 / alarm detection
- Day & Night (IR cut removable)
- 2-way audio supported
- Built-in highly sensitive microphone
- Digital I/O : 1 in, 1 out
- ONVIF supported
- RS-485 supported



**SPECIFICATION :**

Name	Day & Night 4K Ultra HD IP Camera
Model	UHG1182E
Pick up element	1/2.3" CMOS image sensor
Effective pixels	4072 (H) x 3046 (V) = 12,403,312 (pixels)
Scanning system	Progressive Scan
Infrared cut filter	Auto / Schedule / Day (Color) / Night (Mono) / External control
Min. illumination	0.1 Lux at F1.2 (Low Light Mode)
White balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back light compensation	Off / On
Electronic shutter	1/30(1/25)s - 1/30000s
Sense up	Off / 1 Frame / 2 Frames
Sense up +	Yes
Auto gain control	36 dB Variable Gain
3D Noise Reduction	Off / 1 - 32 Selectable
2D WDR	Off / Auto / x2 / x3 / x4
Privacy masking	Off / On (4 zones)
Image effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip
Live video output	CVBS 1.0Vp-p, 75 ohm, RCA connector
Audio in / output	Mono, 1.4 Vp-p, 50 KΩ, 3.5mm phone jack
Operating temperature	-25°C - +50°C (-13°F - 122°F)
Dimension	70mm(W) x 50mm(H) x 135mm(D)
Weight	420g
Power supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power consumption	DC12V, 7.2W / PoE, 8W

<b>Network</b>	
Video compression	H.264 Main and High Profile, Motion JPEG
Resolution	4K(3840x2160), 1080P(1920x1080), 720P(1280x720), D1(720x480), CIF(352x240)
Frame rate	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 - 20Mbps Frame rate and bit rate controllable on-the-fly VBR / CBR / GOP supported
Security	Base64 HTTP encryption Multiple user access levels with password protection 10 user accounts available
Users	8 simultaneous users
Eptz & digital zoom	Yes, ROI is supported
OSD	Text overlay for date, time, and camera name
Alarm functions	Alarm / motion / tampering / audio detection triggering recording into SD card Image upload over HTTP, FTP, and E-mail by tampering / audio / motion detection
CPU, memory	Embedded SoC, 1.2GHz Dual ARM Cortex-A9 & 600MHz ARM11, 1GB DDR3, 256MB flash memory
Maintenance	Firmware update via HTTP Firmware available at web site
Network interface	10/100/1000 Mbps Base-T, RJ-45
PC requirement	OS : Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8 Browser : Windows Internet Explorer 6.0 or above CPU : Intel Core 2 Duo E6400 2.13GHz or above RAM : 2GB or above, Independent Display Card
Network 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	IPhone, iPad, and Android support
System integration	ONVIF & LILIN HTTP API
Central management system	NAV 1.0 support
Video display	LILIN Universal ActiveX & LILIN Java Applet
OS	Embedded Linux 3.8.0
Two-way audio	G.711 / PCM
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)
Control interface	RS-485, Half-Duplex, support MLP2, Pelco D/P protocols

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