



Day & Night 1080P 120 FPS Full HD IP Camera



Features

- 2-megapixel resolution 1952 (H) x 1266 (V) pixels
- Micro SD/SDHC/SDXC card recording supported
- Infrared cut filter for day/night operations

Description

The award-winning Ultra series IP camera, UFG1122, can record 1080P footage at 120FPS, and is capable of seize every moment with the ability to capture all detail with crystal-clear resolution outputs. LILIN video surveillance pushes the limits with development of feasible 120FPS camera able to produce superb image quality. Featuring High Dynamic Range (HDR) mode and IR-cut filter, is able to put images together into one shot that brings out details in both the shadows and the highlights.

With real-time H.264 and Motion JPEG compression technology, extra smooth video quality with resolution

up to 120FPS frame rate at 1080P is secured. UFG1122 model supports 120 high frame rate that ensures quick movements are captured in more details. The 120FPS frame rate allows the footage to be conformed to typical video playback speeds of 30FPS for 4X slow motion with a definite smooth effect.

Specifications

Model	UFG1122E
Image Sensor/Sensor type	1/2.86-inch MOS
Effective pixels	1952 (H) x 1266 (V) = 2,471,232 pixels
Video Compression	H.264 (main & high profile); M-JPEG
Resolution	1080P(1920×1080) , 720p(1280 x 720) , D1(720 x 480) , CIF(352 x 240)
Frame Rates	Single-stream mode, H.264 : up to 120 FPS @ 1920 x 1080 (Video only support preview mode) / HDR mode, H.264 : up to 30 FPS @ 1920 x 1080 , Motion JPEG : up to 30 FPS @ 1920 x 1080 / Multi-stream mode, H.264 : up to 60 FPS @ 1920 x 1080, Motion JPEG : up to 30 FPS @ 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
IR cut filter	Colour (Day), Monochrome (Night), Auto, Schedule, External control
Min. illumination/Low Light Mode (Colour)	0.04 Lux at F1.2 (Color); 0.01 Lux at F1.2 (B/W)
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back Light Compensation (BLC)	On / Off
Shutter Time	1/30(1/25)s to 1/30000s
Sense Up	Off / 1 frame / 2 frames

Sense Up+	Yes
Auto Gain Control	54 dB variable gain
3D Noise Reduction	Off / 1 to 32 selectable
2D WDR	Off / Auto / x2 / x3/ x4 (by normal mode)
High Dynamic Range(HDR)	Up to 120dB (by HDR mode, 3 shutter line interleave)
Privacy Masking	Four independent areas
Other functions	Sharpness, Image flip, Image mirror, Defog, Hue
Live video	CVBS 1.0Vp-p, 75 ohm, RCA connector
Audio Input / Output	Mono, 1.4 Vp-p , 50 K Ω , 3.5mm phone jack
Encryption	Base64 HTTP encryption
Access	Multiple user access levels with password protection
User accounts	10 users accounts available
IP address filter	Yes
Multi IP address	Yes
Users	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
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

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 / 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)
CE	EN 55022: 2010 Class A / IEC 61000-3-2: 2005+A1: 2008+A2: 2009 / IEC 61000-3-3: 2013
FCC	Part 15: Subpart B Class A / CISPR 22: 2008 Class A
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