LILIN

UFG1122
DAY & NIGHT 1080P 120 FPS HD IP CAMERA

The award-winning Ultra series IP camera, UFG1122, can record 1080P footage at 120 FPS, 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 120 FPS 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 120 FPS frame rate at 1080P is secured. UFG1122 model supports 120 high frame rate that ensures quick movements are captured in more details. The 120 FPS frame rate allows the footage to be conformed to typical video playback speeds of 30 FPS for 4X slow motion with a definite smooth effect.
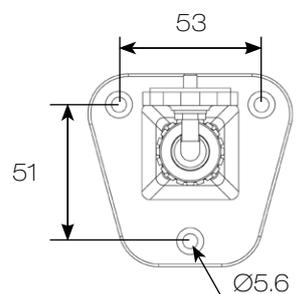
FEATURES :

- Full HD 2.0 megapixel MOS image sensor
- 1080P120 True H.264 AVC High Profile video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D Noise Reduction (MCTF)
- HDR function up to 120dB
- Defog 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

DIMENSIONS : (Unit : mm)

70mm x 50mm x 135mm (W x H x D)

INSTALLATION HOLE SITE DIAGRAM :

Creativity
Progress &
Excellence

www.meritlilin.com

SPECIFICATION :

Name	Day & Night 1080P 120 HD IP camera
Model	UFG1122E
Pick up element	1/2.86" MOS image sensor
Effective pixels	1952 (H) x 1266 (V) = 2,471,232 (pixels)
Chip size	5.346mm (H) x 3.336mm (V)
Scanning system	Progressive Scan
Infrared cut filter	Auto / Schedule / Day (Color) / Night (Mono) / External control
Min. Illumination	0.05 Lux at F1.2 (Low Light Mode)
White balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back light compensation	Off / On
Electrical shutter	1/30(1/25)s – 1/30000s
Sense up	Off / 1 Frame / 2 Frames
Sense up +	Yes
Auto gain control	54 dB Variable Gain
3D Noise Reduction	Off / 1 – 32 Selectable
2D WDR	Off / Auto / x2 / x3 / x4 (by normal mode)
High Dynamic Range	Up to 120dB (by HDR mode, 3 shutter line interleave)
Privacy masking	Off / On (4 zones)
Image effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Defog
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

Network	
Video compression	H.264 Main and High Profile , Motion JPEG
Resolutions	1080P(1920x1080), 720P(1280x720), D1(720x480), CIF(352x240)
Frame rate	Single-stream mode, H.264 : up to 120 FPS @ 1920 x 1080 (Video only support preview mode)
	Multi-stream mode, H.264 : up to 60 FPS @ 1920 x 1080, Motion JPEG : up to 30 FPS @ 1920 x 1080
	HDR mode, H.264 : up to 30 FPS @ 1920 x 1080 , Motion JPEG : up to 30 FPS @ 1920 x 1080
Video streaming protocol	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 function	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
Mobile phone and pda	iPhone, iPad, and Android support
System integration	ONVIF & LILIN HTTP API
Central management system	CMX 3.6 / 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