Stainless IR IP Dome Camera

Features

- Full HD 2 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time 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
- Stainless dome camera module
- High efficiency IR LED, radiant distance up to 16m
- Day & Night (IR cut removable)
- 2-way audio supported
- SD card supported
- Digital I/O : 2 in, 1 out
- ONVIF Profile S supported

Description

Marine day/night dome IP camera ideal mounting on everything from boats to vehicles. The camera comprises SUS316 stainless steel camera housing designed to protect corrosive and industrial

environments. Covert series marine IP camera IPC0422E4 provides HD live and recorded video. LILIN covert IP camera comprises a main unit and a separate camera unit which allows them to be mounted apart. The main unit and the camera unit are connected together by 6-meter long cable in providing definite flexibility to place the camera unit in one place and the main unit else where.

Specifications

Model	IPC0422E4
Image Sensor/Sensor type	1/2.7" CMOS image sensor
Effective pixels	1920 (H) x 1080 (V) = 2,073,600 pixels
Video Compression	H.264 , Motion JPEG
Resolution	1080P(1920 x 1080) , 720p(1280 x 720) , D1(720 x 480) , CIF(352 x 240)
Frame Rates	H.264 : up to 30 fps @ 1920 x 1080 , MJPEG : up to 30 fps @ 720 x 480 / H.264 : up to 30 fps @ 1280 x 720 , MJPEG : up to 30 fps @ 352 x 240 / H.264 : up to 30 fps @ 1920 x 1080 , MJPEG : up to 30 fps @ 1280 x 720 / H.264 : up to 30 fps @ 720 x 480 , MJPEG : up to 15 fps @ 1920 x 1080
Lens	4mm
Iris	F2.0
Angle of View	94°(H), 50°(V), 102°(D)
Max IR distance	16m
Infrared LED Angle	60□, 90□
Video streaming	RTP/HTTP□RTP/TCP□RTP/UDP□Multicast
Video bitrate	128Kbps□8Mbps ; Frame rate and bitrate controllable on-the-fly ; VBR / CBR / GOP supported
Peak wavelength	850nm
Scanning System	Progressive scan
Min. illumination/Low Light Mode (Colour)	Colour: 0.15 Lux at F2.0; B/W: 0.05 Lux @ F2.0 , With Infrared LED 0.0 Lux

White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back Light Compensation (BLC)	On / Off
Shutter Time	1/30(1/25)s to 1/8000s
Sense Up	Off / 1 frame / 2 frames / 3 frames / 7 frames
Sense Up+	Yes
Auto Gain Control	36 dB variable gain
3D Noise Reduction	Off / 1 to 32 selectable
2D WDR	Off / Auto / x2 / x3 / x4
Privacy Masking	Off / On (4 independent areas)
Other functions	Sharpness, Image flip, Image mirror, Hue
Live video	CVBS 1.0Vp-p, 75 ohm, RCA connector
Audio Input / Output	Mono, 1.4 Vp-p , 50 KΩ , 3.5mm phone jack
Image Sensor Module Input	RJ-12, 6 Pins
Encryption	Base64 HTTP encryption
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
IP address filter	Yes
Multi IP address	Yes
Users	8 simultaneous users
ePTZ & Digital Zoom	Yes, ROI is supported
OSD (On-Screen Display)	Text overlay for date, time and camera name
Alarm event triggers	tampering / audio / motion detection triggering recording into SD card ; Image upload over FTP and E-mail by tampering / audio / motion detection
Alarm event actions	Yes
CPU	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory
Firmware	Firmware upgrade via HTTP / Firmware available at meritlilin.com
Network Interface/Ethernet	10Mbps / 100Mbps Base-T, RJ-45

Control interface	RS-485, Half-Duplex , support MLP2 , Pelco D/P protocols
CE	Yes
FCC	Yes
OS requirement	Windows 2000、Windows XP、Windows Vista、Windows 7、Windows 8
Web browser	Microsoft® Internet Explorer® 6.0 and later
CPU requirement	Intel Pentium 4 1.8GHz or above
RAM requirement	1GB 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 Navigator Enterprise 1.0 / Third party VMS through LILIN HTTP API
Video Display	LILIN Universal ActiveX & LILIN Java Applet
OS	Embedded Linux 2.6.32
Audio	2-way Audio , G.711 / PCM
SD Card (recording)	Support Micro SD/SDHC card for circular recording (card is not included)
Alarm Input / output	Digital 2 input (TTL, +3～5VDC) / 1 Output (Relay dry contact N.O. / N.C. , Load max. 24VDC/1A)
Sensing Input Interface/Sensor Input Interface	Temperature, humidity, PIR and light intensity reading interfaces (optional)
IP Rating	IP66 waterproof (image sensor module)
Operating temperature	-25～50 (-13～122)
Dimensions	Main module : 130mm(W) x 35mm(H) x 93mm(D) , Image sensor module : Φ67 x 58mm

Weight	Main module : 300g , Image sensor module : 700g (Stainless Dome)
Power Supply	DC12V ±10%Power over Ethernet (IEEE 802.3af compliant)
PoE	PoE , IEEE 802.3af
Power Consumption	DC12V, 7.5W / PoE, 8.5W