



x10 Day&Night 1080P HD Fast Dome IR IP Camera



Features

- 10 Optical Zoom Lens (4.9 ~ 49mm)
- Day & Night (IR cut removable)
- x64 Digital Zoom
- High efficiency IR LED, radiant distance up to 16m
- True H.264 AVC/MPEG-4 part 10 real-time video compression
- H.264 and Motion JPEG multi-profile video streaming
- Wide Dynamic Range
- Digital Noise Reduction
- Sens. Up Function
- Dynamic Privacy Zone Mask
- Horizontal Flip
- 360° Endless panning
- Up to 128 Programmable Preset Positions
- 2-way audio supported

- iPhone and Android Support
- Onvif Support

Description

The IPS2102E is 10X Day & Night 1080P HD PTZ Dome IR IP Camera that compliment LILIN's already established HD PTZ series of cameras. The camera can be powered through High Power over Ethernet, which complies with the PoE standard IEEE 802.3at. The high-speed dome is capable of streaming HD video at up to 30FPS. Featuring LILIN's Wide Dynamic Range (WDR) feature, the IPS2102E captures highlights and shadows simultaneously, eliminating pixilation and smear. Combine this with Digital Noise Reduction technology and adaptive tone reproduction and the contrast of images in bright or dark areas is dramatically improved. Capable of making 360° continuous panning, users can accurately position the camera to identify specific targets. The 10x optical zoom gives the IPS2102E an impressive range. With a focal length of 4.9-49mm, and up to 128 programmable preset positions, the IPS2102E is ideal for numerous applications.

Further features include privacy zones, comprehensive scheduling, 2-way audio, weighted mode, digital PTZ, alarm activation by motion detection. Connecting the cameras to your IP system is simple. Pair them with our NVR Touch series, and the installation wizard, WS Discovery, will locate all IP cameras on the network and generate a snapshot image of each channel. This will help with identification and greatly speed up camera setup.

Specifications

Model	IPS2102E
Power Supply	DC12V □ PoE+
PoE	PoE+
Power Consumption	13W / 15.5W
Image Sensor/Sensor type	1/3" MOS Sensor
Max. Image Pixels/ Total sensor pixels/ Effective Pixels	Effective pixels : 1944(H) x 1092(V) = 2,122,848 Pixels ; Total number of pixel : 2010(H) x 1108(V) = 2,227,080 Pixels
Scanning System	Progressive scan
Live video	CVBS 1.0 Vp-p / 75 Ω BNC

Min. illumination/Low Light Mode (Colour)	Color : 0.5 Lux at F1.8 , Mono : 0 Lux (IR ON)
Operating temperature	-10°C+ 50°C (14°F-122°F)
Operating humidity	0%-90%
Dimensions	142mm x 135mm
Weight	1100g approx.
Panning Range	360° Endless
Panning Speed	Manual approx. 0.5 °/s-90 °/s 8 Steps, Preset approx. 1 °/s-120 °/s 8 Steps
Panning Mode	Manual , Auto , Manual Position , Sequential Position
Tilting Range	0°-90°
Tilting Speed	Manual approx. 0.5 °/s -90 °/s 8 Steps, Preset approx. 1 °/s-120 °/s 8 Steps
Tilting Mode	Manual , auto , manual position , sequential position
Zoom ratio	10X optical zoom
Lens/Focal length	4.9mm - 49mm
Minimum object distance	1m (Tele)
Minimum Aperture Ratio	1:1.8 (Wide)-3.0 (Tele)
Angle of View	Wide : 57.23°(H) 34.07°(V), Tele : 6.25°(H) 3.51°(V)
Control Function	Pan and Tilt / Zoom and Focus / Iris and ICR / 128 Preset Position / Home Position
ePTZ & Digital Zoom	64X
Zoom Speed	1-15 Selectable [15 : approx. 5.0 second (In to Out) in manual mode]
Focus Speed	1-15 Selectable [15 : approx. 5.0 second (Far to Near) in manual mode]
Auto Focus	Auto (Continue / Zoom Trigger / One Push), Manual Focus
Iris	F1.8-F16, Close
IR cut filter	Colour (Day), Monochrome (Night), Auto, Schedule
Shutter Time	Auto / Manual(1/30(25) to 1/10,000)
Sense Up	Off / Auto (x30)

Back Light Compensation (BLC)	OFF / HSBLC / BLC / WDR
Sharpness	Sharpness
White Balance	ATW / AWC / Manual (1800K-10500K)
Auto Gain Control	0 - 42dB
3D Noise Reduction	Off / On (2D, 3D)
Auto Mode	OFF / AUTO / SEQ / TOUR / PATROL
Privacy Masking	OFF / ON (Up to 8 Zones Settings)
D/N quality setting	Yes
Digital Effect	OFF / Mirror
Schedule Setting	OFF / Auto mode / Preset Position
Peak wavelength	850nm
Infrared LED Angle	30°
IR Radiant Distance	16m
Video Compression	H.264 , Motion JPEG
Megapixels	1080P(1920 × 1080), 720P(1280 × 720), D1(720 × 480), CIF(352 × 240)
Frame Rates	H.264 : up to 30 FPS at 1080P(1920 x 1080) ; Motion JPEG : Up to 30/25 FPS at Full D1 resolution
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast
Video bitrate	128 Kbps to 5 Mbps ; Frame rate and bitrate controllable on-the-fly ; VBR / CBR / GOP supported
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
OSD (On-Screen Display)	Text overly for date, time , camera name, and PTZ position
Alarm event triggers	Image upload over FTP and E-mail by alarm / motion detection

Alarm event actions	Yes
Alarm weighted mode	Yes
CPU	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory
PTZ Control	Pan, tilt, zoom in / out, absolute position, and video-click-n-move
PTZ preset scheduling	Yes, via web interface
Firmware	Firmware upgrade via HTTP ; Firmware available to download at meritlilin.com
Network Interface/Ethernet	10Mbps / 100Mbps , RJ-45
CE	Yes
FCC	Yes
Connectivity	ONVIF Profile S
OS requirement	Windows 2000 , Windows XP , Windows Vista, Windows7
Web browser	Microsoft® Internet Explorer® 6, 7, 8
RAM requirement	Intel Pentium 4 1.8GHz or above
CPU requirement	1GB or above ,Independent Display Card
Protocols	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, Telnet, RTSP, RTCP, ONVIF Profile S, ICMP, IGMP
RTSP Authentication	On / Off
Mobile phone	Integrated to LILIN mobile app (LILINViewer) ; iPhone, iPad, Android support
Video Management	ONVIF Profile S ; LILIN CMX3.6 NAV 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
SD Card/ SD card recording	Support Micro SD/SDHC card for circular recording (card is not included)

