



The IPS3102E is 10X Day & Night 1080P HD PTZ Dome IP Camera. The high-speed dome is capable of streaming HD video at up to 30 FPS. Featuring LILIN's Wide dynamic Range (WDR) feature, the IPS3102E 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.

### FEATURES :

- 10 Optical zoom Lens (4.9 – 49mm)
- 64X Digital zoom
- 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
- Digital I/O: 1 in, 1 out

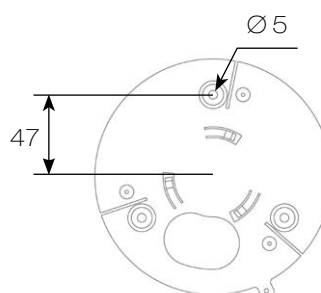
### DIMENSIONS : (Unit : mm)

Ø135 x 164

Ø135



### INSTALLATION HOLE SITE DIAGRAM :



## SPECIFICATION :

Name	10 Day & Night 1080P HD PTZ Dome IP Camera (Indoor)	
Model	IPS3102E	
Power supply	DC12V	PoE+
Power consumption	11.5W	13W
Image pick-up element	1/3" MOS Sensor	
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	
Video output	CVBS 1.0 Vp-p / 75 Ω BNC	
Minimum illumination	Color : 0.5 Lux at F1.8 , Mono : 0.1 Lux at F1.8	
Ambient operation temperature	-10°C - + 50°C ( 14°F - 122°F )	
Operating humidity	0% - 90%	
Dimensions	164 mm (H) x 135 mm (D)	
Weight	1150 g	
<b>Pan &amp; tilt</b>		
Panning range	360° Endless	
Panning mode	Manual , auto , manual position , sequential position	
Panning speed	Manual approx. 0.5 °/s - 90 °/s 8 Steps, Preset approx. 1 °/s - 120 °/s 8 Steps	
Tilting range	0° - 90°	
Tilting mode	Manual , auto , manual position , sequential position	
Tilting speed	Manual approx. 0.5 °/s - 90 °/s 8 Steps, Preset approx. 1 °/s - 120 °/s 8 Steps	
<b>Lens</b>		
Zoom ratio	10X Optical zoom	
Focal length	4.9 mm - 49 mm	
Minimum aperture ratio	1 : 1.8 (Wide) - 3.0 (Tele)	
Minimum object distance	1.0M (Tele)	
Angle field of view	Wide : 57.23°( H ) 34.07°( V ) , Tele : 6.25°( H ) 3.51°( V )	
<b>Main function</b>		
Control function	Pan and Tilt / Zoom and Focus / Iris and ICR / 128 Preset Position / Home Position	
Digital zoom ratio	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]	
Focus	Auto ( Continue / Zoom Trigger / One Push), Manual Focus	
Iris	F1.8 - F16, Close	
Day & Night	Day / Night / Auto / Schedule	
Electric shutter speed	Auto / Manual(1/30(25) to 1/10,000)	
Sense up (Slow shutter)	OFF / Auto(x30)	
Back light compensation	OFF / HSBC / BLC / WDR	
Sharpness	Adjustable	
White balance	ATW / AWC / Manual (1800K - 10500K)	
Auto gain control	0 - 42 dB	
Digital noise reduction	OFF / ON ( 2D , 3D)	
Auto mode	OFF / AUTO / SEQ / TOUR / PATROL	
Privacy zone	OFF / ON ( Up to 8 Zones Settings )	
Digital effect	OFF / Mirror	
Schedule setting	OFF / Auto mode / Preset Position	

<b>Network</b>	
Video compression	H.264 , Motion JPEG
Resolution	1080P(1920 x 1080) , 720P(1280 x 720) , D1(720 x 480) , CIF(352 x 240)
Frame rate	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
Security	Base64 HTTP encryption
	Multiple user access levels with password protection 10 user accounts available
Users	8 simultaneous users
OSD	Text overly for date, time , camera name, and PTZ position
Alarm function	Image upload over FTP and E-mail by alarm / motion detection
CPU, memory	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory
Web PTZ control	Pan , tilt , zoom in / out , absolute position, and video-click-n-move
PTZ preset scheduling	Yes, via web interface
Maintenance	Firmware update via HTTP
	Firmware available at web site
Network interface	10Mbps/100Mbps, RJ-45
Client pc requirement	OS: Windows 2000 , Windows XP , Windows Vista, Windows 7
	Browser: Windows Internet Explore 6 , 7 , 8
	CPU : intel pentium 4 1.8GHz or above RAM : 1GB or above, Independent Display Card
Network protocols	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, Telnet, RTSP, RTCP, ONVIF Profile S, ICMP, IGMP
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 2.6.32
2-Way audio supported	G.711
SD card recording	Support Micro SD/SDHC card for circular recording (card is not included)

