

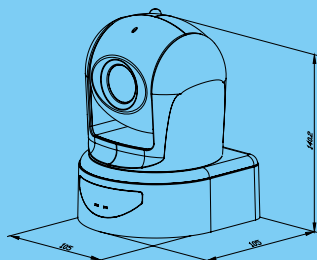
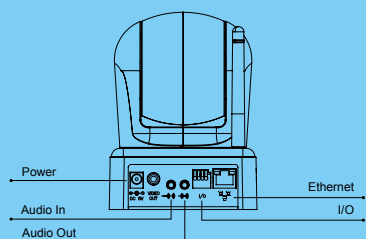
P/T/Z IP CAMERA HLT-87ZA



Main Features

- Remote Pan(270°) Tilt(120°) Zoom(12x opt)control
- H.264/ JPEG/ MPEG4 compression
- De-interface supported
- True Day/Night function – IR Cut filter (ICR)
- Power over Ethernet
- SD card backup
- 2-Way audio
- Triple Streaming
- Support iPhone/ Android/ Symbian/ Blackberry
- Wireless
- SDK for software integration
- Free 36ch bundled recording software
- Compatible with ONVIF standard

Interface



Unit: mm

Specifications

CPU	ARM 9 ,32 bit RISC
RAM	256MB
Flash	16MB
Image Sensor	1/4" CCD sensor
Sensitivity	0.1 lux @ F1.6
Lens Type	Auto focus zoom lens
Angle of View	4.49° ~ 52.8° (horizontal) 3.40° ~ 39.7° (vertical)
Focal Length	3.8 ~ 45.6 mm
Electronic Shutter	1/50 (1/60) ~ 1/100000s
Zoom Ratio	12X optical zoom
Video out	1.0 Vp-p, 75 Ω ,RCA
Audio	G.711 audio compression Interface: Mic-in Audio output: 3.5mm phone jack
Power	Power 12V DC Power Consumption: Max. 6W PoE Class 0 (IEEE802.3af) , optional /Power Consumption: Max. 7.1W
Operating Temperature	-10° C ~ 40° C
Dimensions	105mm(W)x105mm(L)x140.2mm(H)
Weight	550g

Network

Ethernet	10/ 100 Base-T
Network Protocol	HTTP, TCP/ IP, UDP,SMTP, FTP, PPPoE, DHCP, DDNS, NTP, 3GPP,UPnP, SAMBA
Wireless (optional)	
Wireless	802.11b/g/n
Security	WEP,WPA-PSK,WPA2-PSK

System

Video Resolution	NTSC: 720x480, 704x480,352x240, 176x144 PAL: 720x576, 704x576,352x288, 176x144
Video Adjust	Brightness, Contrast, Saturation, Hue, Sharpness, BLC
White Balance Mode	ATW, Daylight, Cloudy, Tungsten Lamp, Fluorescent
Triple Streaming	Yes
Image Snapshot	Yes
Full Screen Monitoring	Yes
Privacy Mask	Yes, 3 different areas
Pan/Tilt/Zoom Control	Yes, remotely
Preset Point	9
Patrol	Yes
Auto Pan	Yes
Compression Format	H.264/ JPEG/ MPEG4 (3GPP only)
Video Bitrate Adjust	CBR, VBR
Motion Detection	Yes, 3 different areas
Triggered Action	Mail, FTP, Save to SD card, Alarm, Samba
Pre/ Post Alarm	Yes, configurable
Security	Password protection
Firmware Upgrade	HTTP mode, can be upgraded remotely
Simultaneous Connection	Up to 10

SD card management

Recording Trigger	Motion Detection, IP check, Network break down (Wire connection), Alarm
Video Format	AVI,JPEG
Video Playback	Yes
Delete Files	Yes

Client system requirements

OS	Windows 2000, XP, 2003, IE 6 or above
Hardware	
Suggested	Intel Dual Core 1.66G,RAM: 1024MB, Graphic card: 128MB
Minimum	Intel-C 2.8G, RAM: 512MB, Graphic card: 64MB