



Shenzhen Xinlianxiang Industry Co.,LTD

IP High Speed Dome Camera

IPHP6 Series

(MPEG-4 / Day & Night)

NETWORK FEATURES

- Low-latency video streaming with MPEG-4 compression format for sharp and clear images
- **Mobile Surveillance:** Support Symbian s60 v3.0, Mobile Pocket PC operation system
- High performance image sensor with high quality pictures
- built-in web server with free domain name, can view & recording and update firmware online
- Hybrid digital / analog video output
- Motion detection and alarm notification functions, Image upload over FTP and Email
- External microphone in / audio out for two-way voice communication
- Day & night functionality with Smart Light Control feature for clear and accurate image
- Complete IP surveillance system SuperIPCAM which have 3 languages (English, Spanish, Chinese)



SPEED DOME FEATURES

- Multiple Integrated Camera/Optics Packages
- Graceful outlook, Vandal proof available
- Programmable Multi-protocol
- 360° continuous pan, 180° Tilt "Auto Flip"
- 4 tours max. 27 presets/tour, 4 patterns, 4 cruise
- 8 Privacy Mask, 8 titled zones
- Port for Software up-grade
- Built-in Alarm, 7 Inputs/2 Outputs
- Built-in Surge and Lightning Protection
- Speed Amplify to fit different control keyboard
- Auto Running Memory Against Power Outage
- Auto Running Resume after Manual Operation
- Color 18X,22x,23x,26x,27x,30x,36x optics camera module.
- On-Screen display for compass and tilt angle, System and environment temperature, fan status
- **Chinese/English OSD Menu**
- Discreet Liner with Sealed Fixed Bubble
- 220 presets, $\pm 0.1^\circ$ preset accuracy
- 300°/s Pan/Tilt Preset Speed
- OSD Menu for Programmable Functions and password protection
- Multiple RS485 protocol/Coaxial
- Locations of Labels and On-Screen Displays
- FIFO alarm priority levels
- Alarm driven Pattern, preset etc.
- Position Resume After Alarm
- Variable Cruise Speed 0.1-150°/sec
- Proportional Pan/Tilt Speed
- Vertical Tilt Unobstructed 0° to -90°
- System preheat before camera power on

Electrical

- Input Voltage 16-30 VAC; 24 VAC nominal
- Input Power 10 VA nominal (w/o heater)
- 45 VA nominal (with heater)
- Fuse 1.25A
- Auxiliary Outputs 2 Alarm Inputs 7
- Built-in Surge Protection
- Limited Lightning Protection

General

Construction

Back Box & Housing	Die-cast Aluminum
Dome Drive	Aluminum, thermo plastic
Bubble	Acrylic/Poly Carbon

Environment

Operating Temperature

Model	Absolute Max	Sustained Max	Absolute Min	Sustained Min
In-Ceiling Indoor	32° to 122°F (0° to 50°C)			
Standard Pendant	113°F (45°C)	95°F (35°C)	-4°F (-20°C)	14°F (-10°C)
Environmental Mount	140°F (60°C)	122°F (50°C)	-60°F (-51°C)	-50°F (-45°C)

Note:

1. Assume no wind chill factor
2. Prevents icing at sustained minimum of -50°F (-45°C)
3. De-ices 0.1 inch (2.5 mm) within 3 hours after power-up

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IP FEATURES

1. Use of mature and stable ARM9-MCU+ high-compression chips for hard-coded, compression algorithm was optimized on the basis of MPEG4.
2. The IP module is built-in free domain name, have a Searcher_tool tool to setup and find camera's IP address, and have a 64-CH IP Surveillance system.
3. Support 802.11 B/G WIFI and web surveillance with 20 users simultaneously
4. Support real-time viewing by phone, support Alarm-Mainframe and Cellphone alarm
5. Support the image resolution from QCIF to **D1 (720x576) /25FPS**.
6. Support 25FPS real-time transmission on WAN, software and web server PTZ control via RS-485 (PELCO-D/PELCO-P protocol)
7. Support image upload over FTP and Email, support PPPoE directly connecting modem and work.
8. Code Rate and Network bandwidth adjustable, frame rate and resolution adjustable, Chinese/English/Spanish menu.
9. Support snapshot and recording online, Support efficient access encryption login purview verification.
10. Can be extended two-way audio
11. Screen characters superimposition, Logo change, rotation image 180 degrees
12. Support for audio and video synchronization. PAN / TILT / ZOOM protocol optional.
13. Security system ensuring long time continuously work and nothing freezes.
14. Hybrid digital / analog video output
15. IP Surveillance system upgrade online, System auto recovery after power reconnected

SPECIFICATIONS

IP High Speed Dome Camera IPHP6 series					
◆ Network					
LAN Port	YES				
LAN Speed	10/100 Based-T Ethernet				
Supported Protocols	DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP				
Mobile Surveillance					
Support Symbian s60 v3.0, Mobile Pocket PC operation system					
Frame Rate	NTSC: 30, PAL: 25				
Number of Online Users	20				
CBR	36Kbps~3Mbps, Image quality and Frame rate adjustable.				
Security	Multiple user access levels with password protection, WEP 64/128 bit				
Web management	The licensed software "SuperIPCAM" for up to 64 network cameras control simultaneously				
◆ Video / Audio					
Video Compression	MPEG4				
Video Remote Control	YES				
Image processing	Support Character, Time, Code rate nestification, Support Privacy Mask				
Video Adjustment	Brightness, Contrast, Saturation and Hue				
Audio Compression	ULaw, 128kbps				
Audio Input	Built-in Microphone, External Microphone Input				
Audio Output	YES				
◆ Camera / Optics					
Model	IPHP6-22X	IPHP6-27X	IPHP6-18X	IPHP6-26X	IPHP6-36X
Image sensor	CNB 1/4" Sony Super HAD CCD	LG 1/4" Sony Super HAD CCD	Sony 1/4" Exview HAD CCD	Sony 1/4" Exview HAD CCD	Sony 1/4" Exview HAD CCD
Effective Pixels	0.44 M Pixels	0.44 M Pixels	0.44 M Pixels	0.44 M Pixels	0.44 M Pixels
Resolutions	480TVL				530TVL
Lens	F=3.6~82.8mm	F=3.25-88mm	F=3.9~85.8mm	F=3.5~91mm	F=3.4~122.4mm
Zoom	22x Optical zoom 10x Digital zoom	27x Optical zoom 10x Digital zoom	18x Optical zoom 12x Digital zoom	26x Optical zoom 12x Digital zoom	36x Optical zoom 12x Digital zoom
Zoom speed	3.9s~6.3s	3.9s~6.3s	3.9s~6.3s	3.9s~6.3s	3.9s~6.3s
Angle of view	54°-2.5°	55°-2.0°	48.0°-2.8°	54.2°-2.2°	57.8°-1.7°
Sync system	Internal / External				
Min. Illumination	1Lux/0.25Lux	0.3Lux/0.01Lux	0.7Lux/0.01Lux	0.7Lux/0.01Lux	0.1Lux/ 0.01Lux
S/N Ratio	>50db				
Iris	Auto/Manual				
White Balance	Auto, Manual		Auto, Manual, ATW, Indoor, Outdoor, Keyboard control		
Gain	Auto				
AE control	Auto / Manual				
BLC	On/Off				
Privacy Mask	NO	NO	YES	YES	YES
Focusing system	Auto/Manual				
Video Output	1.0+-0.2Vp-p 75Ω				
◆ Others					
Remote Control	YES				
Motion Detection	YES				
Alarm and event Notification	Image upload over FTP and Email				

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