



IP Laser High Speed Camera

Day / Night Function



PRODUCT OVERVIEW

1. Infrared laser night vision range of more than 200 meters
(with an option of different power laser maximum distance up to 500-2000 m)
2. Real-time processing of information lens focal length,
the laser light spot can be automatically synchronized with the zoom lens can also be remotely controlled independently,
To achieve zoom lens focal length and laser spot illumination synchronized preset position
3. Night lighting can manually adjust the laser intensity
4. U.S. imports of semiconductor lasers used to remove laser speckle, spot the greatest smoothing effect of
5. Hou day designed to adapt to $-35^{\circ} \sim +55^{\circ}$ ambient temperature. High-strength aluminum alloy casting shell, shock, anti-corrosion
6. The level of 360° infinite bit, look up ($+90^{\circ} \sim -90^{\circ}$) without blind spots
7. Built-in OSD screen menu via the menu display and change the camera parameters
8. Can be set to auto-cruise, horizontal scanning, the camera mode and the title displays PTZ coordinates, the lens magnification display function

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)

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

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Camera Features

IP Laser High Speed Camera			
◆ 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	IPLASER999-18X	IPLASER999-26X	IPLASER999-36X
Image sensor	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
Resolutions	480TVL		530TVL
Lens	F=3.9~85.8mm	F=3.5~91mm	F=3.4~122.4mm
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
Angle of view	48.0°-2.8°	54.2°-2.2°	57.8°-1.7°
Sync system	Internal / External		
Min. Illumination	0.7Lux/0.01Lux	0.7Lux/0.01Lux	0.1Lux/ 0.01Lux
S/N Ratio	>50db		
Iris	Auto/Manual		
White Balance	Auto, Manual, ATW, Indoor, Outdoor, Keyboard control		
Gain	Auto		
AE control	Auto / Manual		
BLC	On/Off		
Privacy Mask	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		



Dome Features

Preset pan speed	300° /S
Preset tilt speed	80° /S
Manual pan speed	0° ~200° /S
Manual tile speed	0° ~80° /S
Pan range	360° continuously
Tilt speed	+90° ~-90°
Preset positions	128(Max)
Communicarion	Multi-protocol,RS485
Relative humidity	90%
IP grade	IP66
Work temperature	-35° /S~+35° /S
Power supply	AC24V±10% (50VA)
Shock request	≧4G
Weight	6Kg

Laser Features

The laser power	2W, 3W, 5W
Laser illumination Angle	0.2° -30°
Laser wavelength	808nm
constant light	have
Laser spot synchronization	have
Working environment	-30°C-+40°C

