

## IP-307

### IR Dome Network Camera 2 MegaPixel – H.264 – IP 15m



- 2 Megapixel 1/3" CMOS Sensor in High Resolution
- Fixed Lens
- H.264/MJPEG Dual Codec & Streaming simultaneously
- 3-Axis Mechanical Design for Ceiling Installation
- Up to UXGA (1600x1200@15fps) / WXGA (1280x720@30fps)
- Digital I/O for External Sensor and Alarm
- Mechanical ICR
- Built-in IR Illuminator
- 3D Noise Reduction
- 2 Way Audio Support
- 3GPP Support
- Micro SD Card Support
- IP68 Water and Vandal Proof
- PoE Power Over Ethernet IEEE802.3af (Option)

#### Camera

Sensor:	2 Mega Pixel 1/3" CMOS sensor
Scan Method:	Progressive
Lens:	Fixed Lens 4.3mm , F2.0
Range of Angle view:	58°( Horizontal)
Number of Effective Pixel (H*V):	1600 x1200
Minimum Illumination:	0.1 Lux (AT 30 IRE F1.4 Lens) / 0 Lux (IR on)
Dynamic Range:	71db
SNR(max):	42.3db
White Balance:	Auto
Gain Control:	High/Middle/Low, 3 steps selection
Backlight Compensation:	Off/50 Hz/60 Hz, 3 steps selection
Electronic Shutter:	On/Off
Panning Coverage:	Auto/Slow Shutter (2X~16x / 5 steps selection)
TPanning Coverage:	-174°~ 174°
Tilting Coverage:	25°~ 90°

#### Intelligent Video

Video Compression:	H.264 BP and MJPEG Dual codec, dual streaming
Video framerate:	Multiple profiles Dual Streaming
Resolution:	(1280x720/30FPS + 640x352/30FPS) real time H.264: 1600x1200, 640x480/320x240/ 160x128/1280x720, 640x352/320x176/ 192x112 MJPEG: 1600x1200, 640x480/320x240/1280x720, 640x352/320x176/ 192x112

Bitrate control: CBR and VBR, 128kbps ~ 4Mbps  
Digital Zoom (PC side): Yes, 1/2X, 2X, 4X  
Image Rotation : Mirror, Flip, Rotate 180  
DNR: Yes

### Audio

2 Way Audio: Mic-in, Audio Line-out  
Compression: AMR, G.711 @ 64kbps, G.726 @ 32kbps/ Configure bit rate

### External Storage

External: 1x Micro SD card

### Network

Streaming Protocols: RTSP/RTP/UDP, RTSP/RTP/TCP, RTSP/RTP/HTTP tunneling,  
LAN Multicast, Multipart-JPEG  
Supported Protocols: IPv4, HTTP, UDP, TCP, ICMP, IGMP, ARP, DHCP, NTP, SMTP  
3GPP Mobile Surveillance: Yes

### IR Illuminators

Wavelength Range: 850nm  
Distance: Up to 15M  
Day and Night: ICR (Auto control by photo sensor; Manual control by CGI)  
IR-Cut Filter Removable  
Lifetime : Up to 20,000 hours

### 3GPP

Yes

### Processors and Memory

CPU: ARM9 SOC  
Flash and Memory: 16MB ROM, 256MB DDRII RAM

### I/O and connectors

LAN: 1x RJ-45 Ethernet connector  
Audio: 1x Mic-in 1X Audio Line-out  
Alarm I/O: 1x Alarm-in (2pin), 1x Alarm-out (3pin)  
Serial Port: RS485 (2pin)

### Software compatibility

Browser: Internet Explorer 6.0 or above  
Application Software: VMS Application Software

*Design and Specifications are subject to change without notice*

OS supported: Microsoft Windows 2000, XP , Vista, Windows 7



#### Open API

CGI commands to control camera  
Media SDK to handle streaming



#### Power

Power: DC 12V, DC12V/ POE, DC12V/AC24V (Option)  
Power Consumption: 5W



#### Operating Environment

Operating temperature : -20° ~ 50°  
Storage temperature: -30° ~ 60°  
Storage humidity: 0% ~ 95% Non-condensing

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