

# Specifications

## Imaging

<b>Image sensor</b>	1MP
<b>Lens Type</b>	2.8mm Mega Pixel Fixed Lens F1.8
<b>Estimated Viewing Angle</b>	82.9°(H), 51.9°(V)
<b>Video Resolution</b>	1280x800@30fps, 1280x720@30fps, 640x480@30fps, 320x240@30fps, 176x144@30fps
<b>Minimum Illumination</b>	0.1 lux @F1.8 (IR off) 0 lux @F1.8 (IR on)
<b>Shutter Speed</b>	1/10~1/1000
<b>True Day/ Night (IR Cut Filter)</b>	Yes
<b>IR</b>	15 ft

## Technology

<b>Image Adjustment</b>	Brightness, Contrast, Hue, Saturation, Sharpness, Shutter Speed adjustable, AGC, Sense-Up, D-WDR, Noise reduction, Day&Night adjustable
<b>AGC</b>	Yes
<b>Sense Up</b>	Yes
<b>Digital WDR</b>	Yes
<b>DNR</b>	Yes
<b>Sense Up</b>	Yes
<b>Flip</b>	Yes
<b>Mirror</b>	Yes
<b>Shutter Speed Adjustable</b>	Yes
<b>Day&amp;Night Adjustable</b>	Yes
<b>Quad Streaming</b>	Yes
<b>Image Snapshot</b>	Yes
<b>Full Screen Monitoring</b>	Yes
<b>Privacy Mask</b>	Yes
<b>Lens Distortion Correction</b>	Yes
<b>Video Compression format</b>	H.264/M-JPEG
<b>Video Bitrates</b>	CBR, VBR
<b>Motion Detection</b>	Yes
<b>Actions upon Triggers</b>	Email, FTP, Save to micro SD card, SAMBA
<b>Pre/Post Alarm</b>	Yes
<b>Security</b>	Password protection, IP address filtering, HTTPS encrypted data transmission, QoS/DSCP
<b>Simultaneous Connections / Users</b>	Up to 10

## Network

<b>Ethernet</b>	10/100 Base-T
<b>Network Protocol</b>	HTTP, HTTPS, SNMP, QoS/DSCP, Access list, RTSP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour

## Input/Output Ports

<b>Video Test Port</b>	Yes								
<b>Setup Power Port</b>	Yes								
<b>Audio Input</b>	Mic in								
<b>Backup Management</b>									
<b>Recording Triggers</b>	Motion Detection, IP Ping failure, Network disconnect, Schedule, Tampering								
<b>Client System Requirement</b>									
<b>OS</b>	Windows 7, Microsoft IE 11.0 or above								
<b>Mobile Support</b>	iOS 4.3 or above, Android 1.6 or above.								
<b>Hardware</b>	<table border="0"> <tr> <td><b>Suggested:</b></td> <td><b>Minimum:</b></td> </tr> <tr> <td>Intel Dual Core 2.53G</td> <td>Intel-C 2.8G</td> </tr> <tr> <td>RAM: 1024MB</td> <td>RAM: 512MB</td> </tr> <tr> <td>Graphic card: 128MB</td> <td>Graphic card: 64MB</td> </tr> </table>	<b>Suggested:</b>	<b>Minimum:</b>	Intel Dual Core 2.53G	Intel-C 2.8G	RAM: 1024MB	RAM: 512MB	Graphic card: 128MB	Graphic card: 64MB
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Intel Dual Core 2.53G	Intel-C 2.8G								
RAM: 1024MB	RAM: 512MB								
Graphic card: 128MB	Graphic card: 64MB								
<b>Housing &amp; Power</b>									
<b>Operating Temperature</b>	32°F ~ 113°F								
<b>Dimensions</b>	100.0(Φ) 50.0(H)								
<b>Weight</b>	0.17 lbs								
<b>Weather Rating</b>	IP66								
<b>POE / Consumption</b>	Yes - PoE IEEE 802.3af 2.88W 70mA(IR Off) /3.36W 100mA(IR On)								
<b>12VDC Power Consumption</b>	1.92W (IR Off) / 2.52W(IR On)								
<b>Certifications</b>									
<b>ONVIF</b>	Yes								
<b>CE, FCC, RoHS</b>	Yes								