

## Main Feature

- HD 720P Real Time.
- Digital Noise Reduction.
- Digital Wide Dynamic Range.
- Shutter Speed adjustable.
- Sense Up adjustable.
- Day&Night Switch time control manually (Option).
- Power over Ethernet (Option).
- H.264/ M-JPEG/ MPEG4 compression.
- Micro SD card backup.
- Support iPhone/Android/Mac.
- SDK for Software Integration.
- Free Bundle 36 ch recording software.



## SPECIFICATION

Hardware			
CPU	ARM 9 ,32 bit RISC	Video Adjust	Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Shutter Speed adjustable, Sense-Up, D-WDR, Flip, Mirror, Noise reduction
RAM	128MB	Triple Streaming	Yes
Flash	16MB	Image Snapshot	Yes
Image sensor	1 / 4" Mega-Pixel CMOS sensor	Full Screen Monitoring	Yes
Sensitivity	Color : 1 Lux (AGC ON) B / W: 0.5 Lux (AGC ON)	Privacy Mask	Yes, 3 different areas
Shutter Time	1 / 10~ 1 / 10,000 sec	Compression Format	H.264/ M-JPEG/ MPEG4
Lens Type	4.2mm @ F1.6	Video Bitrates Adjust	CBR, VBR
Angle of View	52.6° (H), 32.9° (V)	Motion Detection	Yes, 3 different areas
I/O	1 DI / 1 DO	Triggered Action	Mail, FTP, Save to SD card, SAMBA, DO
Audio	G.711(64K) and G.726(32K,24K) audio compression Input : External Mic in Output: External Audio out	Pre/ Post Alarm	Yes, configurable
Power over Ethernet	Yes	Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection, QoS/DSCP
Power Consumption	12V DC: S 3.24W(IR On); 2.76W(IR Off) PoE: 4.32W(IR On); 3.36W(IR Off)	Firmware Upgrade	HTTP mode, can be upgraded remotely
Operating Temperature	0°C ~ 45°C	Simultaneous Connection	Up to 10
Dimensions	131.2mm (Ø) x 94.3mm (H)	<b>Micro SD card management</b>	
<b>IR LEDs (Option)</b>		Recording Trigger	Motion Detection, IP check, Network break down (wire only), Schedule, DI
LEDs	7 LEDs, 850nm	Video Format	AVI, JPEG
IR distance	5M	Video Playback	Yes
<b>Network</b>		Delete Files	Yes
Ethernet	10/ 100 Base-T	<b>Web browsing requirement</b>	
Network Protocol	HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour	OS	Windows 7, 2000, XP, 2003, Microsoft IE 6.0 or above, Chrome, Safari, Firefox.
<b>System</b>		Mobile Support	iOS 4.3 or above, Android 1.6 or above.
Video Resolution	1280x800@30fps, 1280x720@30fps, 640x480@30fps, 320x240@30fps, 176x144@30fps	Hardware Suggested	Intel Dual Core 2.53G, RAM: 1024MB, Graphic card: 128MB