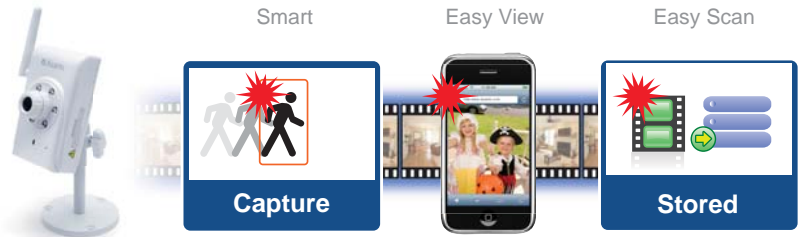




Unprecedented Intelligent
720p High Definition
1.3Megapixel MPEG4/
MJPEG Camera

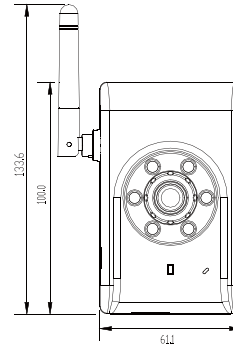
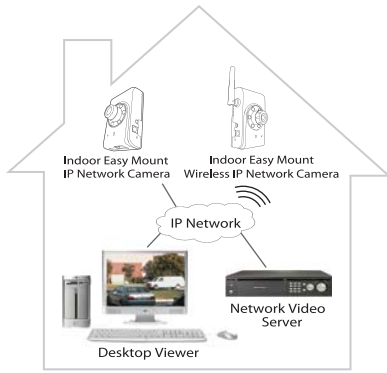


SmartBot Features

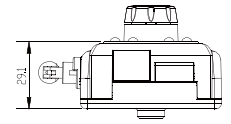
- Internet Protocol knowledge free Windows and MAC Setup and installation
- Smart video analytic without any calibration
- People and objects recognition
- Scan hours of video in seconds
- A simple rule search
- Event notification via e-mail, and FTP
- Advanced camera configuration available

Hardware Features

- 1.3 Megapixel progressive scan providing high definition video.
- SmartPhone Viewer Enable (IP Cam Viewer, Mobiscope)
- MJPEG / MPEG4 dual codec, MJPEG&MPEG4 dual streaming, MPEG4 dual streaming
- Comprises 6 IR LEDs for low light environment.
- Ethernet, Wifi 802.11g Interface
- Wide angle lens
- 2-way Audio



Dimension Diagram



System Requirements

Windows

- Windows XP Service Pack 2+, Vista, Windows 7
- 2.0GHz Pentium 4 processor or higher
- 1GB RAM or higher (2GB RAM minimum for Vista and Windows 7)

Mac

- Mac OS X 10.5 or higher
- 2.0GHz Intel-based processor or higher
- 1GB RAM or higher

For multiple cameras, your computer should support 2 to 4 cameras per "processing core." A fast quad-core computer dedicated to running Voyager SmartBot should run up to 16 cameras recording QVGA video.

- QVGA video, low to moderate activity: up to 16 cameras
- VGA video, moderate activity: 10-12 cameras
- 1280 x 1024 video, moderate activity: 4-6 cameras
- 1280 x 1024 video, heavy activity: less than 4 cameras

Storage & Notification & Monitor

- Live view from any browsers, SmartBot, Smartphone App(IP cam viewer, Mobiscope)
- Event JPEG image will email to any email account.
- Event Video clip can be stored on computer, or external drive, such as FTP server.

Specifications

Camera	IR Distance	5 meters
Sensor	1/4" 1.3 Megapixel CMOS sensor	Processors and Memory CPU: ARM9 SOC Flash and Memory: 8MB NOR flash, 64MB SDRAM I/O and connectors Alarm I/O: Alarm-in x 2, Alarm-out x 1 LED: Alert LED, Link LED Reset to Factory default: button LAN: RJ-45 connector Audio: Internal mic x 1, Audio Line-in x 1, Audio Line-out x 1 Software Browser: Internet Explorer 6.0 or above Application Software: VMS application software OS supported: Microsoft Windows 2000, XP, Vista Factory Default Button Power Power: DC 12V, 1A Power consumption: 10W (800mA, 12V) maximum Size 3.93"(L) x 2.41"(W) x 1.29"(D) Operating Environment Operating temperature: 0°C ~ 45°C Storage temperature: -20°C ~ 50°C Humidity: 10% ~ 80% non-condensing Approvals CE, FCC/Class B, Rohs
Scan Method	Progressive	
Lens	3.6mm, F=2.8, Fixed Iris	
Number of Effective Pixel (H*V)	1280(W) x 1024(H)	
Minimum Illumination	5 Lux @F2.8	
Dynamic Range	68dB	
SNR(max)	44dB	
Auto Exposure	Yes	
Auto White Balance	Yes	
Auto Gain Control	Yes	
Auto Flickerless	Yes	
IR	LED x6	
Video		
Video Compression	MJPEG and MPEG4 Dual codec, MJPEG & MPEG4 dual streaming, MPEG4 dual streaming, multiple profiles, 3GPP	
Video framerate	Up to 30 fps, Up to 15fps in MJPEG SXGA mode	
Resolution	MPEG4: QQVGA, QVGA, VGA, XGA MJPEG: QQVGA, QVGA, VGA, SXGA	
Bitrate control	64kbps ~ 3Mbps	
Digital Zoom (PC side)	Yes, x 1/2, x 2, x 4	
Image Rotation	Mirror / up-side down	
Audio		
2-way audio	Yes	
Compression	G.726 (24K)	
Protocol Supported		
Streaming Protocols	RTSP/RTP/UDP, RTSP/RTP/TCP, RTSP/RTP/HTTP tunneling, LAN multicast	
Other protocols	IPv4, HTTP, TCP, ICMP, QoS, DHCP, NTP, SMTP, FTP, UPnP, PPPoE, DNS, DDNS	

Ordering Information

Model Name	Part Number	Description
Voyager SmartBot	99-00848	Smart 1.3Megapixel CMOS Day & Night IP Camera



* For international part numbers, please refer to the Asante price list.



www.asante.com 1-408-435-8388

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