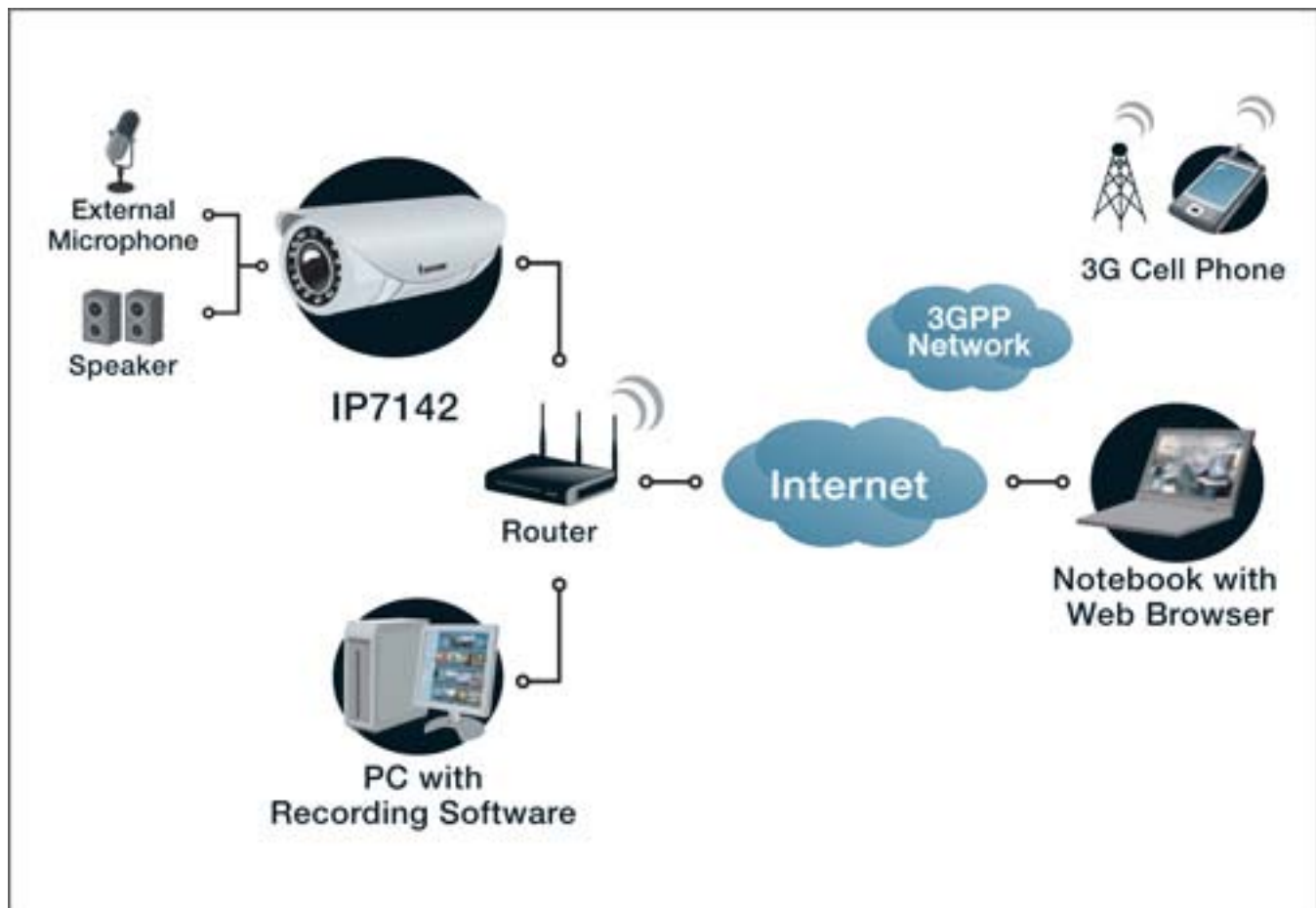


SKY-IP7142 Network IP Security Camera



- Wide Dynamic Range CMOS Sensor
- 3.3 ~ 12 mm Vari-focal Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, effective up to 15 Meters
- Real-time MPEG-4 and MJPEG Compression
- Dual Streams Simultaneously
- Weather-proof IP66-rated Housing
- Built-in 802.3af Compliant PoE
- Two-way Audio via SIP Protocol
- Digital I/O for External Sensor and Alarm
- RS-485 Interface for Scanners, Pan/Tilts



System	<ul style="list-style-type: none"> • CPU: VVTK-1000 SoC • Flash: 8MB • RAM: 64MB • Embedded OS: Linux 2.4
Lens	<ul style="list-style-type: none"> • Board lens, var-focal, $f = 3.3 \sim 12$ mm, F1.4 (wide), F2.9 (tele), focus range: 50 cm to infinity • Removable IR-cut filter for day & night function
Angle of View	23.9° – 89.8° (horizontal), 17.9° – 63.6° (vertical)
Shutter Time	1/5 sec. to 1/15000 sec.
Image Sensor	1/3.3" Wide Dynamic Range CMOS sensor in 720x480 resolution
Image Illumination	0.68 Lux / F1.4, 0 Lux / F1.4 (IR LED on)
IR Illuminators	Built-in IR illuminators, effective up to 15 meters
Video	<ul style="list-style-type: none"> • Compression: <ul style="list-style-type: none"> ◦ MJPEG & MPEG-4 • Streaming: <ul style="list-style-type: none"> ◦ Simultaneous dual streams ◦ MPEG-4 streaming over UDP, TCP or HTTP ◦ MPEG-4 multicast streaming ◦ MJPEG streaming over HTTP • Supports 3GPP mobile surveillance • Frame rates: <ul style="list-style-type: none"> ◦ MPEG-4: Up to 25 fps at 720x480 ◦ MJPEG: Up to 25 fps at 720x480
Image Settings	<ul style="list-style-type: none"> • Adjustable image size, quality and bit rate • Time stamp and text caption overlay • Flip & mirror • Configurable brightness, contrast, saturation, and hue • AGC, AWB, AEC (Automatic Exposure Control), WDR • Automatic or manual day/night mode • Supports privacy masks
Audio	<ul style="list-style-type: none"> • Compression: <ul style="list-style-type: none"> ◦ GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps ◦ MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps • Interface: <ul style="list-style-type: none"> ◦ External microphone input ◦ Audio output • Supports two-way audio via SIP protocol • Supports audio mute
Networking	<ul style="list-style-type: none"> • 10/100 Mbps Ethernet, RJ-45 • Protocols: IPv4, TCP/IP, HTTP, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS and PPPoE
Alarm and Event Management	<ul style="list-style-type: none"> • Triple-window video motion detection • One D/I and one D/O for external sensor and alarm • Event notification using HTTP, SMTP or FTP • Local recording of MP4 file
Security	<ul style="list-style-type: none"> • Multi-level user access with password protection • IP address filtering

Users	Live viewing for up to 10 clients
Dimension	Ø 70 mm x 182 mm
Weight	Net: 969 g
LED Indicator	System restore status indicator
Power	<ul style="list-style-type: none"> • 12V DC • 24V AC • Power consumption: Max. 6 W • 802.3af compliant Power-over-Ethernet
Housing	Weather-proof IP66-rated housing
Approvals	CE, LVD, FCC, VCCI, C-Tick
Operating Environments	<ul style="list-style-type: none"> • Temperature: -20 ~ 60 °C (-4 ~ 140 °F) • Humidity: 20% ~ 80% RH
Viewing System Requirements	<ul style="list-style-type: none"> • OS: Microsoft Windows 2000/XP/Vista • Browser: Mozilla Firefox, Internet Explorer 6.x or above • Cell phone: 3GPP player • Real Player: 10.5 or above • Quick Time: 6.5 or above
Installation, Management, and Maintenance	<ul style="list-style-type: none"> • RS-485 interface for scanners, pan/tilts • Installation Wizard 2 • 16-CH recording software • Supports firmware upgrade
Applications	SDK available for application development and system integration