

DIY Surveillance System for Home and Small Office Users



Keep An Eye On Your Home, While Away From Home

Would you like to watch your kids playing, see your toddler's first step, monitor your household help and be the first one notified of an emergency at home?

Keep Your Business In Sight

Are you busy travelling on business trips or caught up with appointments outside the office and wish to check up on your place of business?

Take Monitoring Into Your Own Hands!

IRIX₁₂₃ is a user-friendly, affordable and flexible surveillance system for homes and small office users. It is designed to be DIY so that you can install the cameras on your own through a simple 3-step process! Additionally, you can easily move or add cameras whenever required.

Video streams captured by each camera is channeled through an Internet connection* so that you can monitor your home or office anytime, anywhere via a computer or 3G/WiFi-enabled mobile handset.



*Internet connection with a minimum speed of 64kb/min is required.

Why IRIX₁₂₃?



Easy Installation

Cameras can be easily mounted onto the wall or simply placed on a table top.



WiFi Capabilities*

With built-in WiFi, the cameras connect wirelessly to the Internet for viewing. No messy network cables needed!

*A wireless router is required to enable this feature.



Video Recording

With built-in Micro SD memory card reader, the cameras record and store video as well as audio feed. Recording can be scheduled or set to trigger when motion is detected.



Plug 'n Play

IRIX₁₂₃ involves zero configuration! Cameras automatically connect to the Internet once plugged into a network router and are ready for use.

Each camera is accompanied with a quick installation guide and CD with step-by-step instructions for first time installation.



Remote Viewing

View real-time video streaming from the cameras anywhere, anytime via a computer (web portal) or 3G/WiFi-enabled mobile handset.



Built-in Microphone

Each camera is embedded with a microphone to capture and record audio feed.

Additionally, the microphone enables you to listen to live audio while viewing the video remotely.



Pan & Tilt

You can move the cameras from left to right or up and down for a better field of vision while viewing the video remotely.

Specification

Power supply	DC 5V, 2A
Processors	RISC CPU, hardware video processing and compression
Internet connection	At least 64kb/min
Network interface	Ethernet 10BaseT/100BaseTX, Auto-MDIX, RJ-45
Wireless interface	<ul style="list-style-type: none"> IEEE 802.11b/g – up to 54Mbps Transmit power: <ul style="list-style-type: none"> 14.5dBm typically @ 802.11g 17.5dBm typically @ 802.11b Receiver sensitivity: <ul style="list-style-type: none"> 54Mbps: Typical -73dBm @ 10% PER 11Mbps: Typical -86dBm @ 10% PER Antenna gain: 1.8 dBi
Pan/Tilt control	<ul style="list-style-type: none"> Pan range 130° (-65° ~ 65°) Tilt range 90° (0° ~ 90°) Auto pan mode Auto patrol mode
Image sensor	<ul style="list-style-type: none"> RGB VGA 1/4 inch CMOS Automatic <ul style="list-style-type: none"> exposure control white balance gain control brightness control
Light sensitivity	0.2 Lux
Lens	<ul style="list-style-type: none"> 3.2 mm F2.0 Viewing angle: 60.3° Fixed iris Focus range: 30 cm to infinity
D/I D/O interface	<ul style="list-style-type: none"> 1 D/I for alarm detection 1 D/O for alarm triggering
Micro SD card interface	Micro SD card interface for local video storage (Support capacity up to 16GB Micro SD-Card)
Video compression	<ul style="list-style-type: none"> MPEG-4 Part 2 (ISO/IEC 14496-2) with motion detection Profiles: Simple Profile, level 0-3
Frame rate	Up to 30fps in all resolutions
Video streaming	MPEG-4 Separate frame rate/resolution/bandwidth settings for PC and mobile
Alarm and event management	<ul style="list-style-type: none"> Events triggered by video motion detection Notification/upload of JPEG images over FTP and/or email
Video settings	<ul style="list-style-type: none"> Resolution: VGA(640x480), QQVGA(320x240), QQVGA(160x120) Bandwidth: 64k, 128k, 256k, 512k, 768k, 1M, 1.2M, 1.5M bps Frame rate: 1~5, 10, 15, 20, 25, 30 fps Built-in microphone for audio monitoring Audio compression: MP2 audio, AMR-NB for 3GPP/ISMA(RTSP streaming)
Audio	
Security	<ul style="list-style-type: none"> Web management username/password protection Video display ID/password protection WiFi WEP and WPA security mode

Installation, management and maintenance	<ul style="list-style-type: none"> Installation tools on CD Web-based configuration Automatic configuration backup and restore Video management software for video access and multi-camera management Firmware upgrades via FTP
Minimum web browsing and software requirements	<ul style="list-style-type: none"> Built-in web server for standard web browser access Pentium 4 (or equivalent AMD) CPU 1.0GHz or higher 1GB RAM
Supported protocols	IPv4, HTTP, TCP, ICMP, RTSP, RTP, UDP, RTCP, SMTP, SNMP, FTP, DHCP, ARP, PPPoE, etc.
Included accessories	<ul style="list-style-type: none"> Power adaptor RJ45 Ethernet cable Quick installation guide CD with installation tools/software and User's Manual User ID and Password details
Video management software	Surveillance application for viewing and archiving up to 16 cameras
Users	Up to 20 simultaneous users
Dimensions	120 (H) x 91 (W) x 84 (D) mm
Weight	350g
Operating conditions	<ul style="list-style-type: none"> Temperature 0-50 °C Humidity 20 - 80% RH (non-condensing)

Get Your IRIX₁₂₃ Now!

Reseller Rubber Stamp

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Awasi Rumah Ketika Ketiadaan Anda

Mahukah anda melihat anak-anak anda bermain, menyaksikan langkah pertama bayi, mengawasi pembantu rumah dan menjadi orang pertama dimaklumkan apabila kemalangan berlaku di rumah anda?

Pantau Premis Perniagaan Anda

Adakah anda sibuk dengan lawatan perniagaan atau temu janji di luar pejabat dan ingin memantau premis perniagaan anda?

Tentukan Sendiri Pengawasan Rumah Atau Perniagaan Kecil Anda!

IRIX¹²³ merupakan sistem pengawasan yang mesra pengguna, berpatutan dan fleksibel. Ia direka agar anda boleh memasang sendiri kamera melalui 3 langkah mudah! Kamera pengawasan ini juga senang dialih atau ditambah bilangan bila perlu.

Tayangan video bagi setiap kamera disalurkan melalui sambungan Internet* agar anda boleh mengawasi rumah atau pejabat pada bila-bila masa dan di mana jua anda berada melalui komputer atau telefon mudah alih 3G/WiFi.



*Sambungan Internet dengan kelajuan minimum 64kb/min diperlukan.

Mengapa IRIX¹²³?



Pemasangan Mudah

Kamera mudah dipasang pada dinding atau di atas meja.



Keupayaan WiFi*

Dengan WiFi terbina-dalam, kamera akan tersambung ke Internet tanpa memerlukan wayar. Usah risaukan jaringan kabel yang berserabut!

*Sebuah router tanpa wayar diperlukan untuk ciri-ciri ini.



Rakaman Video

Dengan pembaca kad memori Micro SD terbina-dalam, kamera mampu merakam dan menyimpan suapan video serta audio. Rakaman boleh dijadualkan atau ditentukan oleh penggera pengesan gerakan.



Pasang & Guna (Plug 'n Play)

IRIX¹²³ tidak memerlukan pemasangan yang rumit! Kamera tersambung ke Internet secara automatik apabila dipasang pada router rangkaian dan ia sedia untuk digunakan.

Setiap kamera dibekalkan dengan lampiran panduan pemasangan pantas dan CD berserta arahan mudah untuk pemasangan kali pertama.



Pengawasan Jarak Jauh

Lihat tayangan video secara langsung tidak kira masa dan di mana jua anda berada. Anda hanya perlu sebuah komputer atau telefon mudah alih 3G/WiFi.



Mikrofon Terbina-Dalam

Setiap kamera dilengkapi dengan sebuah mikrofon untuk merakam suapan audio.

Mikrofon membolehkan anda mendengar audio secara langsung semasa mengawas video dari jauh.



Condong & Miring (Pan & Tilt)

Anda boleh menggerakkan kamera dari kiri ke kanan atau dari atas ke bawah untuk pengawasan jarak jauh lebih baik.

Spesifikasi

Bekalan Kuasa Pemproses	DC 5V, 2A RISC CPU, pemprosesan dan mampatan video perkakasan
Sambungan Internet (Network interface)	Minimum 64kb/min Ethernet 10BaseT/100BaseTX, Auto-MDIX, RJ-45
Antaramuka wayarles (Wireless interface)	<ul style="list-style-type: none"> IEEE 802.11b/g – sehingga 54Mbps Pindahan kuasa: <ul style="list-style-type: none"> o 14.5dBm tipikal @ 802.11g o 17.5dBm tipikal @ 802.11b Kepekaan penerima: <ul style="list-style-type: none"> o 54Mbps: Tipikal -73dBm @ 10% PER o 11Mbps: Tipikal -86dBm @ 10% PER Gandaan antena: 1.8 dBi
Kawalan Condong/Miring (Pan/Tilt)	<ul style="list-style-type: none"> Julat miring 130° (-65° ~ 65°) Julat condong 90° (0° ~ 90°) Mod miring automatik Mod patrol automatik
Sensor imej	<ul style="list-style-type: none"> RGB VGA 1/4 inci CMOS Automatik <ul style="list-style-type: none"> o kawalan dedahan o imbalan cahaya o kawalan kuasa o kawalan kecerahan
Kepekaan cahaya Lensa	<ul style="list-style-type: none"> 0.2 Lux 3.2 mm F2.0 Sudut pandangan: 60.3° Iris tetap Julat fokus: 30 cm hingga infiniti
Antaramuka D/I D/O	<ul style="list-style-type: none"> 1 D/I bagi pengesanan penggera 1 D/O bagi picuan penggera
Antaramuka kad Micro SD	Antaramuka kad Micro SD bagi simpanan video tempatan (kapasiti sokongan sehingga 16GB Micro SD-Kad)
Mampatan video	<ul style="list-style-type: none"> MPEG-4 Part 2 (ISO/IEC 14496-2) dengan pengesanan pergerakan Profail: Profail Mudah, tahap 0-3
Tayangan video	Tetapan kadar/resolusi/bandwidth bingkai asing MPEG-4 bagi PC dan telefon mudah alih
Pengurusan penggera dan aktiviti	<ul style="list-style-type: none"> Aktiviti dipicu oleh pengesanan pergerakan video Notifikasi/muat turun imej JPEG melalui FTP dan/atau emel
Kadar bingkai Tetapan video	<ul style="list-style-type: none"> Sehingga 30fps pada semua resolusi Resolusi: VGA(640x480), QVGA(320x240), QQVGA(160x120) Bandwidth: 64k, 128k, 256k, 512k, 768k, 1M, 1.2M, 1.5M bps Kadar bingkai: 1-5, 10, 15, 20, 25, 30fps
Audio	<ul style="list-style-type: none"> Mikrofon terbina dalam bagi pemantauan audio Mampatan audio: MP2 audio, AMR-NB bagi 3GPP/ISMA(tonnonan RTSP)

Sekuriti	<ul style="list-style-type: none"> Pengurusan web perlindungan nama pengguna/kata laluan Paparan video perlindungan ID/kata laluan Mod keselamatan WiFi WEP dan WPA
Pemasangan, pengurusan dan penyelenggaraan	<ul style="list-style-type: none"> Peralatan pemasangan pada CD Konfigurasi berasaskan web Konfigurasi sandaran dan pulih semula secara automatik Perisian pengurusan video bagi akses video dan pengurusan pelbagai kamera Kemaskini firmware melalui FTP Pelayan web terbina dalam bagi akses pelayaran web standard Pentium 4 (atau sama dengan AMD) CPU 1.0 GHz atau lebih 1GB RAM
Pelayaran web dan keperluan perisian minimum	<ul style="list-style-type: none"> Pelayan web terbina dalam bagi akses pelayaran web standard Pentium 4 (atau sama dengan AMD) CPU 1.0 GHz atau lebih 1GB RAM
Protokol	IPv4, HTTP, TCP, ICMP, RTSP, RTP, UDP, RTCP, SMTP, SNMP, FTP, DHCP, ARP, PPPoE, dll.
Aksesori tambahan	<ul style="list-style-type: none"> Alat suai kuasa Kabel Ethernet RJ45 Panduan pemasangan pantas CD dengan peralatan/perisian pemasangan dan Manual Pengguna ID pengguna dan kata laluan
Perisian pengurusan video	Aplikasi pengawasan bagi tontonan dan pengarkiban sehingga 16 kamera
Pengguna	Sehingga 20 pengguna berturut-turut
Dimensi	120 (H) x 91 (W) x 84 (D) mm
Berat	350g
Syarat operasi	<ul style="list-style-type: none"> Suhu 0-50 °C Lembapan 20 - 80% RH (tidak meluwap)

Dapatkan IRIX¹²³ Sekarang!

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