

Surveillance Equipment



Surveillance Tutorial

■ What is Surveillance?

Surveillance means to watch or watch over. In today's society the act of surveillance is used to protect assets and people. Many times surveillance evidence such as recorded video is used in courts of law as part of the prosecution or defense.

■ How are Surveillance products used?

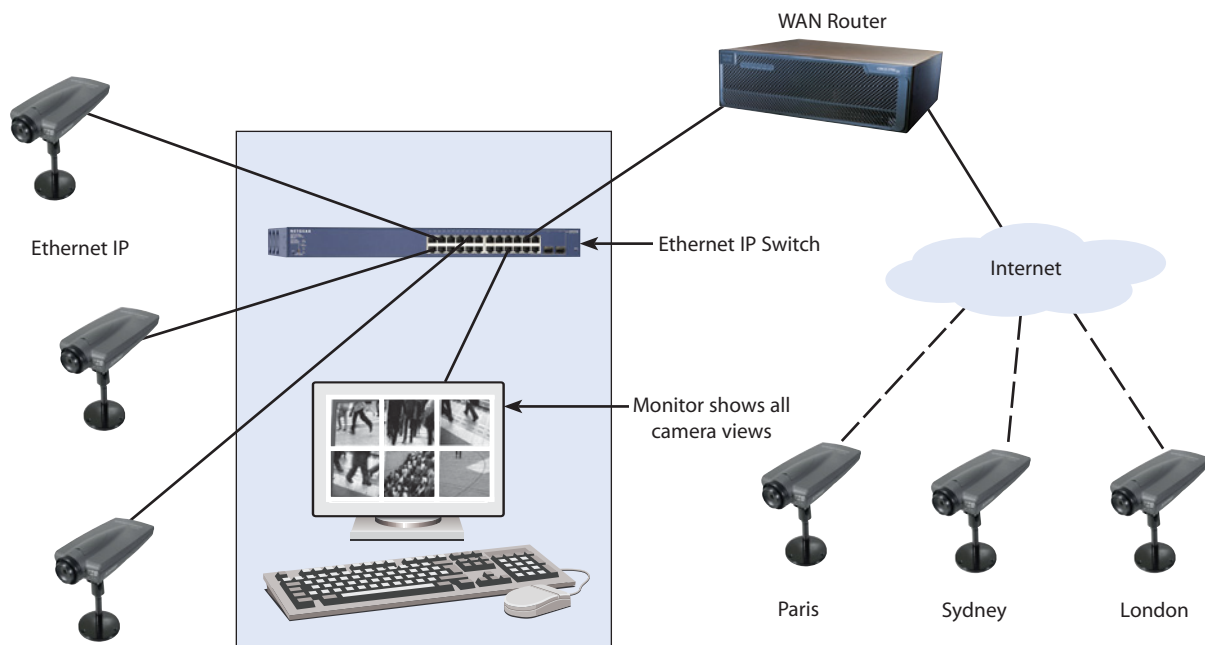
Many different products are used in surveillance systems including cameras, cabling, adapters, Digital Video Recorders(DVR's) and monitors. Typically a camera (digital or analog) is set up in the surveillance

area. These cameras can either be hidden or in plain site (often used as a deterrent to crime) depending on the application. The camera is connected via copper or fiber cabling back to a central control area where personnel monitor displays. Many times a DVR is used to record a specific time frame such as a 24 hour period. This taped footage can be replayed if there are no personnel available to actively monitor the displays or it can be used in court as evidence.

■ Where are Surveillance products used?

Surveillance products and networks are used by the military, governments, private businesses, schools, hospitals and any other public or private building or area such as a parking lot to protect people and property and to deter crime. Surveillance systems are used in both industrial and commercial settings.

Typical Ethernet IP Surveillance Camera Installation



Benefits of an IP Surveillance Network

With traditional CCTV video surveillance systems specific broadcast standards must be considered. The two main video broadcast standards used throughout the world are PAL (Phase Alternating Line) and NTSC (National Television Standards Committee). NTSC is used in North America and Japan, PAL is used in almost every other location in the world. When implementing surveillance networks using these standards/technologies, interoperability can be an issue as devices from different countries will not work with unlike equipment. When implementing a global CCTV

surveillance system costly analog to digital converters and video capture cards may be required. By utilizing an IP based system no costly converters are required and system components such as switches, routers and PCs are readily available from myriad vendors across the globe. Global access and control of cameras is provided via IP through routers and switches. Additionally, IP cameras provide superior resolution than traditional CCTV cameras.



Item #	Description	List Price
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✓RoHS Planet Indoor/Outdoor IR Analog Surveillance Camera 30 Meters

The Planet CAM-PTIR338 can be used indoors or outdoors and is the perfect solution for today's surveillance requirements. This camera features zero-lux illumination and 36 IR illuminators which are built around the lens to provide clear vision at night. Via new LED technology, the built-in illuminators ensure high-quality monochrome images in total darkness as far as 30 meters. In addition, the CAM-PTIR338 features a waterproof enclosure constructed of rugged aluminum. The CAM-PTIR338 IR camera provides reliable operation in any environment.

CAM-PTIR338	Planet Indoor/Outdoor IR Analog Camera 30 Meters	139.00
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✓RoHS Planet Indoor/Outdoor IR Analog Surveillance Camera 15 Meters

The Planet CAM-PTIR138 features zero-lux illumination and 12 IR illuminators which are built around the lens to provide clear vision at night. Via new LED technology, the built-in illuminators ensure high-quality monochrome images in total darkness as far as 15 meters. In addition, the CAM-PTIR138 features a waterproof enclosure constructed of rugged aluminum. The CAM-PTIR138 IR camera provides reliable operation in any environment.

CAM-PTIR138	Planet Indoor/Outdoor IR Analog Camera 15 Meters	99.00
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✓RoHS Planet Indoor/Outdoor IR Vandal Proof Analog Surveillance Camera 15 Meters

The Planet CAM-PTIVP52 provides a rugged, vandal proof video surveillance solution. The CAM-PTIVP52's unique design prevents annoying halo issues that are sometimes seen with IR dome cameras. This design blocks the refracted IR rays from entering into the lens and provides a clear picture. Additionally, the CAM-PTIVP52 features zero-lux illumination and 6 IR illuminators which are built around the lens to provide clear vision up to 15 meters at night.

CAM-PTIVP52	Planet Indoor/Outdoor IR Vandal Proof Analog Camera 15 Meters	199.00
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✓RoHS Planet Wired IP Ethernet Camera with Audio

The ICA-PT101 Ethernet IP Internet camera provides a cost effective, advanced digital Internet camera solution for wired surveillance applications. The ICA-PT101 supports wired connectivity only. This camera supports MPEG-4 video compression technology and a motion detection feature. If motion is detected in the surveillance area, the camera will capture 10 images, attach them in an email, and send them to a specified e-mail address. These cameras also support audio functionality, by connecting an external microphone to the camera; audio as well as video will be sent through the Internet or LAN.

ICA-PT101	Planet Internet Camera with Audio	129.00
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✓RoHS Planet Wired Internet Camera with Audio

The ICA-PT102 provides an advanced Internet camera solution, supporting wired Ethernet networking. The ICA-PT102 can be placed in a wired LAN or an available xDSL/Cable modem connection. With Plug-N-Watch capability, set up is fast and easy! The ICA-102 uses advanced MPEG-4 video compression technology. By using MPEG-4 technology, you can view a high quality video with a simple web browser or media player. Advanced features include motion detection and audio recording. If a motion is detected in a surveillance spot, this function will capture 10 images and attach them in an email, then send them to a specified account. Furthermore, by connecting an external microphone to the camera, audio can be recorded along with the live image. With the bundled utility, you can record video by manual control or arrange automatic scheduled recording.

ICA-PT102	Planet Internet Camera with Audio	169.00
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✓RoHS Planet ICA-PT107 Wired and Wireless IP Surveillance Cameras

Planet's powerful and economical ICA-107 Series Internet cameras feature integrated microcomputers and high quality CMOS digital image sensors, enabling them to display high quality live streaming video over a LAN or the Internet. The advanced motion detection feature supported by the ICA-107 Series can notify users via email or ftp of any detected movement. ICA-PT107W supports 802.11b/g and the ICA-PT107P features an 802.3af standard PoE interface. This provides location flexibility where power outlets are not present.

ICA-PT107	Planet IP Surveillance Camera	100.00
ICA-PT107P	Planet IP Surveillance Camera with PoE Support	115.00
ICA-PT107W	Planet Wireless IP Surveillance Camera 802.11b/g	125.00

✓RoHS Planet ICA-PT108 Wired and Wireless IP Surveillance Cameras

Planet's ICA-108 Series IP cameras can send live video and two-way audio via the Internet to a web browser anywhere in the world! The ICA-PT108 / PT108W features zero-lux illumination and 6 IR illuminators built around the lens providing a crystal clear image even at night. The ICA-108 Series offers color video in the day time and monochrome video in complete darkness up to 10 meters. Additionally, these cameras feature MPEG-4 and M-JPEG streaming video. Moreover, up to 10 users can access to the ICA-108 / 108W at any time simultaneously via IP protocol.

ICA-PT108	Planet IP Surveillance Camera with Two-Way Audio	145.00
ICA-PT108W	Planet Wireless IP Surveillance Camera 802.11b/g with Two-Way Audio	199.00

✓RoHS Planet ICA-PT601/PT651 Indoor/Outdoor Speed Dome IP Surveillance Cameras

Planet's ICA-PT601/ PT651, indoor / outdoor speed dome Internet cameras, offer pan, tilt and zoom to control over TCP/IP networks. The ICA-PT601/ PT651 features a 220X zooming (22x optical zoom, 10x digital zoom), auto focus, auto iris as well as fast, accurate and continuous 360 panning operations. With 32 presets, 4 camera tour configurations and combined with motion detection, these unparalleled surveillance functions satisfy all of your demanding surveillance and remote monitoring requirements. The ICA-PT601 is designed for indoor use and the ICA-PT651 features a rugged IP66 rated housing and can be used outdoors. Additional features include simultaneous 10 user access, support for both MPEG-4 and M-JPEG, and two-way audio support.

ICA-PT601NT	Planet Indoor Speed Dome IP Surveillance Camera	1489.00
ICA-PT651NT	Planet Outdoor Speed Dome IP Surveillance Camera	1899.00

✓RoHS Planet 1-Channel Internet Video Server

Planet's IVS-PT110 server allows the conversion of any analog camera into a fully functional digital IP camera. It can stream digitized video over an office network in the same way as current IP cameras do. By using the IVS-PT110 server with an analog camera, all elements of an existing analog surveillance system can be upgraded from network to a new IP based surveillance system. The IVS-PT110 server can send live video and audio via the Internet to a web browser anywhere in the world! Additionally, the IVS-PT110 supports two-way audio and up to 10 users can access the IVS-110 at any point simultaneously.

IVS-PT110	Planet 1-Channel Internet Video Server	229.00
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