

PC MULTIPLEXER IP™ DATA SHEET

PC MULTIPLEXER IP is a software digital recording, viewing and control system for IP (network) cameras and IP video servers. It turns a PC in to a digital video multiplexer by recording onto the hard disk of a PC.

PC MULTIPLEXER IP package consists of Windows based software which is installed on a PC. The PC is then connected to the same computer network as the IP cameras or IP video servers. This network could be in the same building or linked across various locations via phone lines or over the internet. Wireless network components could be used to create a network quickly. PC MULTIPLEXER IP can be used with a wide variety of manufacturers IP cameras and IP video servers, you simply select the model from the software and enter its IP address.

PC MULTIPLEXER IP enables you to constantly view images from the cameras, and records those images so that they can be found and replayed easily. PC MULTIPLEXER IP has the added advantage of being able to view stored images whilst still recording. The software can be set to record time-lapse on hard disk, DVD, network server or any PC storage device.

Alarm inputs can be connected to many of the IP cameras and video servers. When an intruder triggers an alarm, the PC automatically records for a selectable duration restarting the duration if the alarm is triggered again. Alarm triggered recordings will be saved separately from the time-lapse recordings.

PC MULTIPLEXER IP can also be set to keep alarm events, but repeat record over time-lapse recordings keeping as many days as storage will allow.

Pictures are stored as short .avi files which are stored with a file name to indicate both the time and date. This enables you to know exactly when a particular event took place. The picture quality can be adjusted using on screen controls for each input. Other options allow you to set a daily schedule to start recording at different times. PC Multiplexer IP will give you full control over the movement of PTZ or dome IP devices. It can also be used with Camfunction IP to give a 'virtual matrix' graphical front-end expanding the range of CCTV equipment that can be controlled.



alarm input. One alarm input for each IP channel.

Programmable Function Keys - Create up to 256 flexible function keys that can contain many different commands. Trigger these function keys automatically during your recording and on alarm. For example, a function key could be programmed to Email a picture to a mail recipient.

Re-transmitting Video over the PC Network - Extra viewing positions on a PC Network or dial up Network (via phone line) are possible using our additional software package, 'MULTISTORE NETWORK VIEWER'. Each Networked PC can view and store the images on its' own hard disk and replay them at a later date. With one connection they could select any of the cameras being recorded by PC MULTIPLEXER IP.

Email & Web Upload - PC MULTIPLEXER IP has the ability to email a picture to up to 20 email addresses. The email feature can be programmed on to the software's function keys. These can be triggered by an alarm input, keyboard, timers or on screen buttons. The email can have a JPEG imaged attached (of an alarm trigger point for example) or just a text message (ideal for mobile phone users). The web upload command can again be put into a function key and is intended for use by anyone who wants to show pictures from CCTV cameras on the Internet or intranet. If users have a permanent connection to the internet (cable modem or DSL) then pictures will be uploaded at a specified rate or the software can be set to make a dial up connection via phone line, upload the picture and then disconnect to save on call costs.

Relay output triggering from the PC - Using the SOM1 optional relay unit the software can trigger relay outputs manually, at set times or on alarm.



PC MULTIPLEXER IP Key Features:

PC MULTIPLEXER IP can perform three functions simultaneously, without affecting other users:

- Record images
- Playback images whilst still recording
- View live/stored images remotely via network or phone line

Flexible Record Settings – Choose where to record images: internal, external or networked drives. Choose which hours during the day to record, and which cameras to record during those periods. Choose the quality of your recordings. Choose the speed of recording. Choose how much hard disk space to preserve.

Alarm Recording - Record images on alarm for a definable period of time. Choose which cameras will be recorded on each

Preserve recording feature - Recordings can easily be marked to say that they should not be overwritten when storage space is full. This can be done as you playback an incident and decide you would not like to lose it but do not wish to export it at that time.

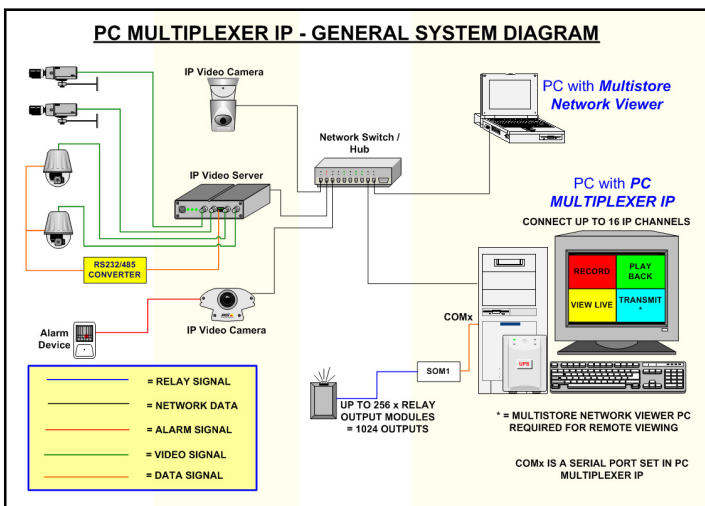
Same time, different camera view - When viewing a camera on playback you can now choose to see that same time but viewed on a different camera with a single key press.

PRODUCT VARIATIONS AND PART NUMBERS:

PC Multiplexer IP software up to 4 cameras
 PC Multiplexer IP software up to 8 cameras
 PC Multiplexer IP software up to 16 cameras

PCMUXIP4
 PCMUXIP8
 PCMUXIP16

Hardware	Minimum Requirements
PC & Display	Pentium III 500MHz or AMD equivalent (or higher)
PC Ram	256MB or above recommended
PC Hard drive	500 MB required for software. 1 GB or higher recommended, See our 'Storage Calculator' on web site to determine storage requirements.
PC CD/R/RW drive	CD ROM 4 X Speed or higher, CDR or CDRW or DVDRW for exporting images.
PC Pointing device	MS mouse or touchscreen
PC RS232 Communications ports	One required for SOM1 Relay Output Card. One may be required for mouse or touchscreen.
PC Operating system	Windows 98SE, ME, 2000, NT, XP or Vista
Compatible IP cameras or IP video servers	Most manufacturers including Axis, Gyr, JVC, Sony, Panasonic, Vivotek. New models being added all the time visit our website for latest list.
Alarm inputs	One per IP channel, only some IP devices support this, check with us.
Video Picture Compression	Avi, selectable codec. User adjustable quality. Stored picture size depends on IP device.
Recording Operation	Automatic or manual start Time Lapse Recording. Full logging of software events and user actions. Schedule for record times.
Playback Picture Access	Search by date, time, or alarm. Browse feature for advanced users.
Playback Print Picture	Any printer under Windows.
Playback Export Picture	Export recordings as .AVI movies or single images as .JPG images. Audit trail and free playback viewer can be copied with images.
PC Network Protocol	Windows TCP/IP network



PC MULTIPLEXER IP is a
CCTV SOFTWARE
Product

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