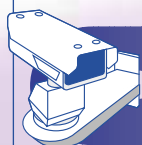# Viewcom
VM4 IP

Up to 8 cameras

Pan and Tilt function

Available now, video surveillance of your buildings across the world via Intranet/Internet

DO YOU WANT TO SEE A DEMONSTRATION OF COM ONE'S VIDEO SECURITY OVER THE INTERNET ?
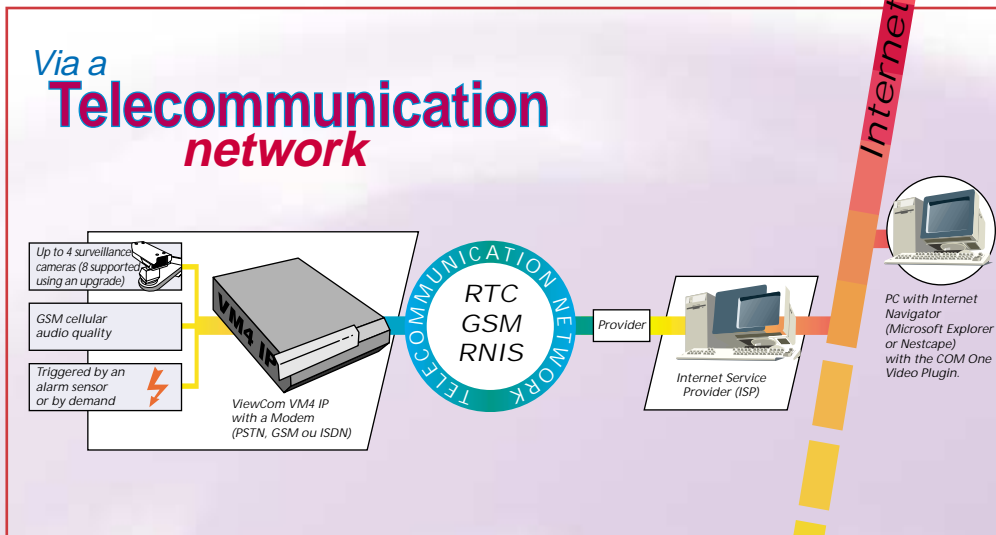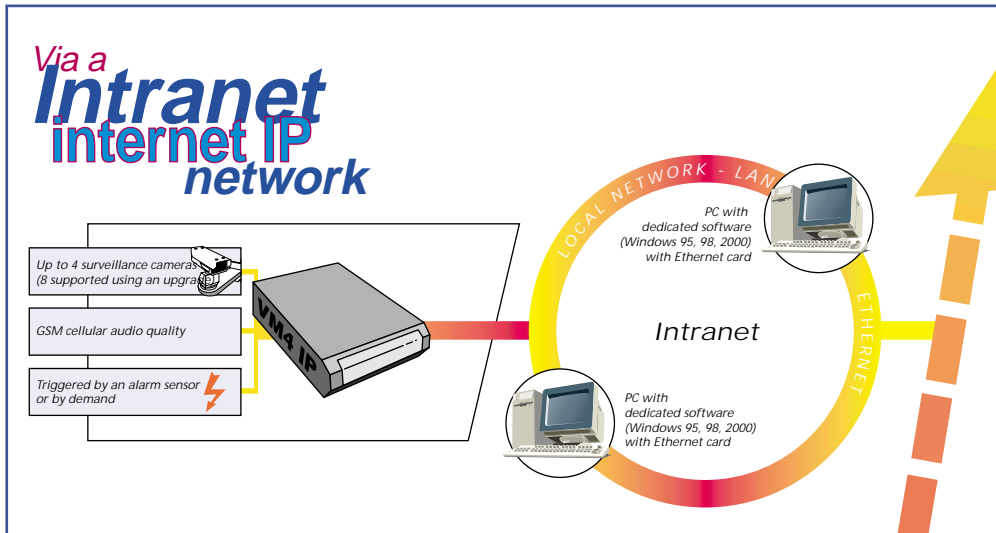http://www.viewsurf.com

Ethernet 10/100, Analogue V.90 (PSTN), ISDN, ADSL under IP

The feature rich ViewCom VM4 IP is suitable for industrial environments, commercial and public buildings requiring video security. Its' cost effectiveness in both use and maintenance removes any doubts about the application of video security today.

• Up to **eight security cameras** can be supported by a single unit.

• Video and digital sound can be transmitted across the world using any kind of network under the IP protocol (Internet Protocol) for the cost of a local telephone call (PSTN or ISDN with a ISP).

• Developed for high security applications. (There are many reference sites in both Europe and USA). It is a resilient system providing automatic backup in the event of network failure. This backup can be over PSTN, ISDN or GSM/DCS/PCS/GPRS cellular services where available.

• The ViewCom VM4 IP is normally used in one of two ways :
- upon external alarm signal reception, video (with a T0-1 image) and sounds of the event will be immediatly transmitted.
- alternatively the transmission takes place on demand or on permanent connection from the central surveillance control center.

• Using the optional GSM/DCS/PCS/GPRS connection it is possible to transmit any information in the event of network or line failure.

• 4 contacts "all or nothing" allow the generation of local commands.

COM One Security
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COM one 1 SECURITY

Viewcom
VM4 IP

Via a Intranet
internet IP network

LOCAL NETWORK - LAN

PC with dedicated software (Windows 95, 98, 2000) with Ethernet card

Intranet

ETHERNET

PC with dedicated software (Windows 95, 98, 2000) with Ethernet card

- Up to 4 surveillance cameras (8 supported using an upgrade)
- GSM cellular audio quality
- Triggered by an alarm sensor or by demand

VM4 IP

Via a Telecommunication network

- Up to 4 surveillance cameras (8 supported using an upgrade)
- GSM cellular audio quality
- Triggered by an alarm sensor or by demand

ViewCom VM4 IP with a Modem (PSTN, GSM ou ISDN)

TELECOMMUNICATION NETWORK

RTC
GSM
RNIS

Provider

Internet Service Provider (ISP)

Internet

PC with Internet Navigator (Microsoft Explorer or Nestcape) with the COM One Video Plugin.

References

FRANCE
Crédit Agricole
Crédit Mutuel
Caisse d'Epargne
La Poste
L'Elysée
Ministère de la Défense
CRICR Rosny
Bouygues
Peugeot
Crédit Lyonnais
Paribas
Fichet-Bauche
Total
Matra
Ford
Systal
Proteg
Selfco
USA
ADT
FBI
Etc…

Technical
Specifications

INPUT/OUTPUT VIDEO/AUDIO
VIDEO INPUT
- Video Input : 4 multiplexed video cameras (CCIR 1V) - (optional 8 cameras).
- Multi-standard : NTSC, PAL, monochrome or colour.
- Resolution : 1/ Low : 160 x 120
256 shades of grey and 16 million colours.
2/ Medium : 320 x 240
256 shades of grey and 16 million colours.
AUDIO INPUT
- Capture and broadcast simultaneously with sound.
VIDEO OUTPUT
- Composite Video.
INTERFACES
- Ethernet Port 10 Base-T RJ45.
- 2 Serial Ports (RS232) 115,2 Kbps.
INPUT/OUTPUT (All or nothing)
- 4 Digital ports for detectors : Infra-red, pressure pad …
- 1 Control port.
- 4 Digital ports outputs for external alarms.

PROCESSING
- Numerical compression using a JPEG-M compatible proprietary protocol.
- JPEG-M decompression in reception mode.
- Image compression algorithm.
- Programmable by quality.
- Battery lit automatic time clock.
- Telesurveillance function : image taken before alarm sounded.
- Time and place information included in the image.
- Image processing capacity : from 3 to 10 fps.
- Storage capacity : 4 films of a dozen of seconds (compressed images).
- Event log.
- WATCHDOG fault reporting and automatic reboot.
POWER
- 12V external DC supply
RECEIVING SOFTWARE
- PC running HTTP software with an Internet Browser software (Nescape, Microsoft Explorer, etc) - equiped with COM One Video Plugin.
- Dedicated software (Windows 95, 98) :
- Image resolution setting - Image quality setting
- Camera selection - Configuration of the Input/Output ports

COM one 1
SECURITY