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eVigilo M16IP32 Standard Digital Video Recorder



The M16IP32 is our new Hybrid DVR that incorporates IP camera support alongside existing analog type cameras. These units have been successfully deployed over the United Kingdom in a variety of vertical markets from retail store, domestic property to airport warehousing and bonds. The system is housed in a 19" industrial case and is powered by the finest Intel components. This case may be floor, rack or wall mounted.

The Operating system is a stripped down derivative of Microsoft Windows 2000 © and is installed on its own specially protected hard drive to eliminate failures. The eVigilo application is also loaded onto this physical device. A recovery image is included of this device to return the unit to 'ex-works' configuration.

Archives are saved on an array of Seagate SV35 SATA2 hard drives that offer unparalleled speed and resilience. The standard capacity of the M32IP32 is 2.25TB but can be upgraded to 6TB of internal storage. A special 150 GB archive area named "SafeStore" is provided to enable users to copy evidence of special interest and thereby extend indefinitely its retention period. All systems are equipped with a CD/DVD/USB Key evidence writing system.

The M16IP32 is equipped with a 100 frames per second analog capture engine. This can be automatically spread between connected cameras i.e 6 fps on 16 cameras or a system of manual allocation can be employed to give whatever bias is desired. It is possible to override this on event so for example if a particular alarm input was closed the system could super charge a subset of the 16 cameras attached i.e. 4 cameras at 25 fps, 8 cameras at 12 fps.

The IP capture system is fully integrated and can manage up to 32 eVigilo IP cameras at the same time. 'Up to' is used as these could not be 32 Mega Pixel units. A maximum image flow of 12 Mega Pixels @ 5 fps can be processed. That would be around six 2 Mega Pixel units, twenty seven D1 units, a hundred+ CIF units or an appropriate combination.

The system may record its evidence in Full JPEG or use conditional refresh. Alternatively the user may choose to make one recording in JPEG with 21 days retention and a second copy of the same camera using Condition Refresh and store that for 90+ days.

All live cameras and archives can be reviewed remotely using standard web browsers without the need for installation discs. Full web security is provided.



TECHNICAL SPECIFICATION

ANALOG CAMERAS	MAX 16
RESOLUTION	CIF (384 x 288) 2CIF
FRAME RATE	100 FPS
IP CAMERAS	32 (12 MEGAPIXEL @ 5 FPS)
IP RESOLUTION	CIF, D1, 2 MEGAPIXEL (1600 x 1200)
ALARM INPUTS	4 (OPTION 16)
RELAY OUTPUTS	4(OPTION 16)
REMOTE IP ALARMS	255
REMOTE IP RELAYS	255
VIDEO SEQUENCER OUT	4
SUPER VMD SYSTEM	
TIMELAPSE RECORDING	
TIMED TRIGGERS	
SMS MESSAGE SENDING	
EMAIL SENDING	
EVIDENCE REMOVAL	CD, DVD, USB KEY, WEB BROWSER FTP
RS485 PTZ SUPPORT	PELCO, BAXALL, VCL, DENNARD
WATCHDOG	
STORAGE	2.25TB + 160GB SAFESTORE (6TB OPTION)
TOUCH SCREEN SUPPORT	
EMBEDDED WEB SERVER	
MPEG4/WMV STREAMS OF ALL CAMERAS AVAILABLE FOR WEB VIDEO BROADCAST	
FULL REMOTE CONTROL SOFTWARE INCLUDED	