

Ernitec EDNS4000/HYBRID

100 FPS Digital Video Recorder

ernitec

The Ernitec EDNS4000/HYBRID DVR available with 16 channels is a digital security system that helps businesses and individuals to manage and protect their properties and assets effectively from theft and other security risks.

The EDNS4000/HYBRID 16 channel digital video recorder presents the latest technology within DVRs. The system makes it possible to record video from up to 16 analogue and/or IP cameras on the built-in hard drive storage (up to 4 of the IP cameras can be megapixel cameras). The units can be equipped with up to 1000GB, enough to provide up to several weeks recording.

The digital system ensures that the recorded video is safely stored and that it can be retrieved quickly whenever needed.

The EDNS4000/HYBRID displays live and recorded video information on a PC monitor. A composite video output is also available for display of live



EDNS4000/HYBRID front

Functions

Recording

The EDNS4000/HYBRID provides monitoring display of all connected cameras in different screen modes. It can record up to 16 cameras whether it is analogue or IP cameras. When recording analogue cameras the DVR can record up to a total of 100 fps in either CIF, 2CIF or D1 resolution. This means each camera can be assigned individual resolution and framerate, thereby optimizing the recording duration. In the case of IP cameras the recording is based on the settings, e.g. when using an Ernitec IP camera it is possible to record up to 25 fps at D1 on each standard camera, and 8 fps for megapixel cameras.

The DVR can be configured for continuous, activity or alarm based recording which can be done on a scheduled basis depending on time and date.

The EDNS4000/HYBRID supports recording of 5 audio channels. Access to the recorded audio data can be password protected.

Search and Export

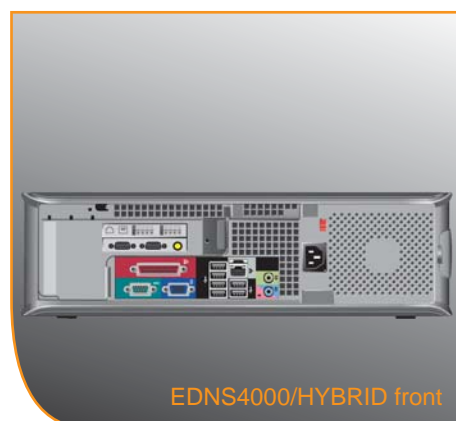
The recorded video can be reviewed by date, time, camera and sensor event.

A time line provides quick and convenient overview of the recordings, It is also possible to search recorded video based on activity in a region of interest.

Once the relevant video has been identified it can be copied to the internal DVD/RW or a USB memory stick, either as a video sequence or still images.

Networking

The EDNS4000/HYBRID can be connected to a local or wide area network for remote surveillance. Remote viewing is possible either through the free remote manager software or through the Ernitec EasyView™ CMS (Central Monitoring Software). The network provides facilities such as remote viewing and playback, file copy and alarm notification.

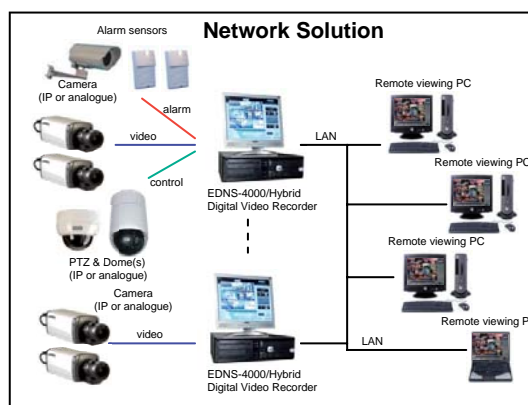
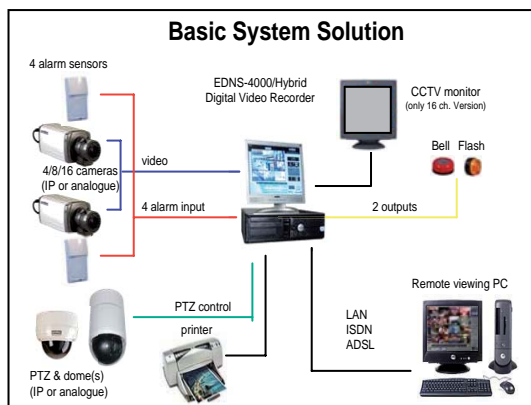


EDNS4000/HYBRID front

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Applications



Specifications

Features	EDNS4500-16/HYBRID	EDNS4750-16/HYBRID	EDNS41000-16/HYBRID
Compression algorithm	MPEG4		
User Interface	Easy Graphic User Interface		
Hard disk size	500GB	750GB	1000GB
No. of video inputs (analog and IP)	16 channels		
No. of audio inputs (line or mic)	5		
Analogue monitor output	Yes		
VGA monitor output	Yes		
Image size	352x288, 704x288, 704x576		
Recording frame rate:			
352 x 288 (CIF)	Max. 100fps		
704 x 288 (2CIF)	Max. 100fps		
704 x 576 (4CIF)	Max. 100fps		
IP Recording frame rate	Up to 25 FPS D1 depending on camera specification		
Support IP cameras	Ernitec IP cameras (max. 4 megapixel cameras)		
Frame rate for monitoring	Max. 100fps, max 1fps per IP camera		
Triplex function	Live, VOD, Remote viewing		
# of sensor inputs	4 (N/C or N/O)		
# of alarm outputs	4		
Alarm notification	Local and remote		
Multi-screen playback	Yes 1,4,9,16 screen mode (depends on type number)		
Event log & search	Fully supported		
Pan/tilt/zoom/aux & pre-set control	Yes, 8 preset		
Access control by password	Yes		
Individual file encryption	Yes		
Still image to export	Yes (JPEG, BMP format)		
Still image printer output	Yes		
File backup by DVD- RW	Yes (DVD optional)		
Network for remote surveillance	Standard for TCP/IP based network		
Connection	Multi-to-multi, multichannel		
Remote transmission	Live view, playback, file copy		
Remote control	Pan/tilt/zoom, preset, aux devices, alarm, screen display, event view		
Max. # of Remote Client connections	32		
Auto rebooting after power recovery	Yes		
Dimensions/weight (WxHxD)	399x116x342 (excl. cables) / 10.4 kg		
Case	Desk top cabinet		
Power supply	115 - 230V AC/50Hz/550W		
Order information	0063-04301	0063-04302	0063-04303



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