EDNS7000R-3 Hybrid DVR

The Ernitec EDNS7000R-3 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 EDNS7000R-3 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 16TB, 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 EDNS6000-3 Hybrid displays live and recorded video information on a PC monitor. A composite video output is also available for display of live video from the analogue cameras on a CCTV monitor.

Recording
The EDNS7000R-3 Hybrid DVR 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 this DVR can record a total of up to 400 fps at CIF. 400 fps at 2CIF or 100 fps at D1 resolution. This means each camera can be assigned individual resolution and frame rate, thereby optimizing the recording duration. In the case of IP cameras the recording is based on the settings in the IP camera, e.g. when using an Ernitec IP camera it is possible to record up to 25 fps at D1 on each standard IP 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 EDNS7000R-3-HYBRID supports recording of 16 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 EDNS7000R-3 Hybrid DVR 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, play back, file copy and alarm notification.

Ernitec EDNS7000R-3/HYBRID

Specifications

Features	EDNS7000R/3-16-R8 MPEG4		
Compression algorithm			
User Interface	Easy Graphic User Interface		
Hard disk size	Up to 16TB		
No. of video inputs (analog and IP)	16 channels		
No. of audio inputs (line or mic)	16		
Analogue monitor output	Yes		
VGA monitor output	Yes		
Image size	352x288, 704x288, 704x576		
Recording frame rate:352 x 288 (CIF)	Max. 400fps		
704 x 288 (2CIF)	Max. 400fps		
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. 400fps , max 1fps per IP camera		
Triplex function	Live, VOD, Remote viewing		
# of sensor inputs	16 (N/C or N/O)		
# of alarm outputs	16		
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)	447x176x468 (excl. cables) / 17,7 kg Desk top cabinet		
Case			
Power supply	115 - 230V AC/50Hz/550W		
Order information	0063-06302	0063-06303	0063-06301