

Ernitec EDNS V2116

16ch H.264 realtime recording DVR



- > 16 ch real-time DVR
- > Up to 400fps recording in D1 resolution
- > 16ch audio inputs and 1ch output
- > DVD-rw
- > Smart phone and Tablet viewer
- > Built-in web GUI
- > 4 year Warranty

The Ernitec EDNS V2116 is a powerful H.264 DVR, supporting WD1 real-time recording and playback, full HD display. It is designed for users / installers who are willing to upgrade the current analog solution

With H.264 high profile compression, the EDNS V2116 provides up to 16 channel WD1 real-time recording, offering better vision than traditional D1 video quality with the minimum file size; real time dual streaming encoding and recording lets EDNS V2116 sending smooth video to remote client monitoring, especially for delivering real-time video to smartphone devices; motion, event and alarm detections enhance the overall protection for 24 /7 surveillance.

Integrating intuitive GUI and supporting USB keyboard and mouse make system operation of the EDNS V2116 much easier. Moreover, the RemoteManager-II CMS software provide distant accessibility for remote system control.

Users can also do remote surveillance through mobile phone or tablet by using the Ernitec GO APP (iPhone, iPad and Android supported) offers perfect backend solutions for monitoring DVRs at the remote site

Technical Specification – Ernitec EDNS V2116

Video Input

Input	BNC x 16, 1.0 Vp-p, 75 ohm
Loop through	BNC x 16, 1.0 Vp-p, 75 ohm

Main Output

1x VGA	1024x768, 1280x1024,
1x Digital Display	1920x1080p
Call Monitor	BNC x 1, 1.0 Vp-p, 75 ohm
Main Monitor	BNC x 1, 1.0 Vp-p, 75 ohm

Audio

Input	RCA x 16, (line In)
Output (Main / Call)	RCA x 1, (line Out)
Compression Method	G.711
Data Rate	8 KB/s, per ch

Recording

Compression Method	H.264 High Profile
Recording Mode	Schedule, Alarm, Motion Detection
Pre-alarm	Yes
Max Recording Rate (PAL)	400fps@D1 400fps@2CIF 400fps@CIF
Recording Quality	8 Levels Presets, Adjustable
Dual Stream	25fps@CIF / CH
Storage Mode	Linear / Circular
Data Lifetime	yes (programmable)

Storage

Build-in Storage	-
Build-in Storage Interface	SATA for 3.5" Hard disk
DVD-rw	Yes
Export	2 x USB 2.0 / DVD-rw

Alarm

Alarm Input	16 x D-SUB, line in
Alarm Relay Output	1 x D-SUB, line out
Alarm Detection	N.C. / N.O. / Programmable
Motion Detection	16 x 12 Grid Array, Sensitivity, Trigger level adjustable
Video Loss Detection	Programmable

Communication

Network Connectivity	RJ45, 10/100/1000Mbps Ethernet, support PPPoE/ DDNS/ DHCP
RS-485	D-SUB
RS-232C	D-SUB for POS applications
Dome Camera Control Protocol	DSCP, Pelce P, Pelco D, AD422, Fastrax 2, Panasonic, JVC
IR Remote	Yes
Remote Control Software	RemoteManager-II
Remote Operation	Monitoring, Playback, Recording, System setup, Dome camera control, Archiving

General

Operating System	Embedded Linux
Unit Dimension (W x H x D)	440x 54.5x 340mm
Unit Weight (without storage)	4.7 kg
Package Dimension (W x H x D)	553 x 163 x 452mm
Package Weight (without storage)	5.3 kg
Operation temperature	0°C to +40°C
Operation humidity	10% to 90%
Power requirements	100V -240V AC/50-60Hz/500W
Power unit	External PSU 12VDC,90W
Languages	Multi language support
warranty	4 years
Included accessories	IR remote, Guick guide, User Manual, RemoteManager-II software DVD, UK and Schuko power cable

Part Number	0064-02116
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Optional accessories

Ernitec GO for smart phones and tablet free download

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