



ADVANCED
TECHNOLOGY
VIDEO

PERFORMANCE SERIES

>>>REAL-TIME D1, 960H,
FULL HD, 16 CHANNEL DVR



960H DVR

ED2916

- > H.264 Compression with Real Time 480-ips D1 and 960H Recording
- > 16-Channel BNC Inputs
- > Full High Definition (Full HD), 1920 x 1080 Display Capability
- > 4-Channel Audio Recording / 1-Channel Audio Playback / 2-Way Audio Capabilities to Remote PC
- > Concurrent HDMI / VGA Video Outputs with Multiple Display Formats
- > Multiple Recording Modes -Time-Lapse, Alarm, Pre-event, Text-In, Panic
- > Maximum 2-HDD's
- > Text input for ATM and POS
- > Self-diagnostics with Automatic Notification including Hard Disk Drive S.M.A.R.T. Protocol
- > User friendly Graphical User Interface (GUI) Menu System
- > Up to 30 Minute Pre-event / 15 Minute Post Event Recording
- > Powerful Search Modes: Calendar, Time-Date, Event, Motion, Museum, Text-In, Thumbnail
- > Archived Video (Clip Copy) Played back using Executable "Player" Software Program is Watermarked for Video Authentication
- > iRAS Remote Management Software Features: Live Monitoring, Playback Recording, Setup, PTZ control, Upgrades and Full Triplex Operation, (User Defined 64-Channel View), Map Integration, Multi-Site System Health Monitoring with User Defined Customizable Panel Design
- > Compatible with Immix® Central Station Monitoring Software by Sureview Systems



960H DVR

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SPECIFICATIONS

MODELS		ED2916-2TB ED2916-4TB	ED2916-6TB ED2916-8TB
V I D E O	Video Input	Composite: 16 inputs, 1Vp-p, auto-terminating, 750hms	
	Video Resolution	HDMI: 1920x1080, 1440x900, 1280x1024 VGA: 1920x1080, 1440x900, 1280x1024	
	Record Speed (images per second)	Real-time 480ips @ D1 / 960H	
	Playback Speed (images per second)	480ips @ CIF	
C O N N E C T O R S	Monitor Output	1-HDMI, 1-VGA	
	Alarm Input	16 Terminal Block, Programmable	
	Alarm Output	1 relay Output terminal block	
	Network Connectivity	10/100/1000Mbps, 1Gbps Ethernet (RJ-45)	
	Audio Input	4 RCA, line level in	
	Audio Output	1 RCA line out	
	Text Input	POS Interface, ATM Interface	
	RS485 Serial Port	Two-connector terminal block	
	RS232 Serial Port	Two-connector terminal block	
	IR Port	1 Remote Control	
	USB Port	2 (USB 2.0) front panel	
	Network Protocols	Static IP, ASDL, DHCP, FEN	
	Remote Connections	Admin: 2 / Watch: 10 / Search: 2	
	Remote Software	iRAS: Monitoring, Playback, Recording, Setup, PTZ, Upgrade, DVR Status, Triplex operation, (User defined 64-channel view), Map integration, Multi-Site System Health Monitoring	
	Remote Data Export	Clip-Player, AVI, JPEG, BMP	
	Remote Transmission Rate	Max 480-ips with bandwidth control	
G E N E R A L	Primary Storage	SATA Hard Disk Drive (up to 2, 4TB each)	
	Secondary Storage	USB hard disk drive or flash drive	
	Dimensions (WxHxD)	11.8 x 2.4 x 9.1" (300 x 62 x 231mm)	
	Unit Weight	6.8lb (3.1kg)	
	Operating Temperature	41°F to 104°F (5°C to 40°C)	
	Operating Humidity	0% to 90%	
	Power	12VDC, 5A	
	Power Consumption	Max 27.6W	
	Conformity Certifications	DVR: FCC, CE; Power Adapter: UL, FCC, CE	

DIMENSIONS



iRAS Remote Management Software

ACCESSORIES

XDLBB2 Lock Box, Black



XDLBB2

STORAGE DURATION

The ED2916 records up to 480 images per second at standard resolution (30-ips per channel) and the tables illustrate a typical recording duration for CIF, 2CIF and D1/960H record resolutions with a single video input, with continuous video recording and no audio for the recorder with a 2TB hard disk drive. The actual storage duration will vary depending on the number of cameras recorded, the image quality selected, the recording speed, recording schedule, motion content of the images and the number of stored events.

2TB HDD					2TB HDD					2TB HDD				
CIF (ips)	Basic Days	Standard Days	High Days	Very High Days	2CIF (ips)	Basic Days	Standard Days	High Days	Very High Days	D1/960H (ips)	Basic Days	Standard Days	High Days	Very High Days
30	404.5	269.7	161.8	134.8	30	202.3	134.8	80.9	67.4	30	101.1	67.4	40.5	33.7
20	606.8	404.5	242.7	202.3	15	404.5	269.7	161.8	134.8	20	151.7	101.1	60.7	50.6
15	809.1	539.4	323.6	269.7	10	606.8	404.5	242.7	202.3	10	303.4	202.3	121.4	101.1
5	2427.3	1618.2	970.9	809.1	5	1213.6	809.1	485.5	404.5	5	606.8	404.5	242.7	202.3
1	12136.3	8090.9	4854.5	4045.4	1	6068.1	4045.4	2427.3	2022.7	1	3034.1	2022.7	1213.6	1011.4