

OZONE V-10

8 & 16 Channel H.264 DVR Series



The Ozone **V10** DVR Series - *Technology made Effortless*

- ~ Exceptional user friendly interface
- ~ Superb real time 480fps display
- ~ Huge storage capacity up to 4TB available
- ~ Quick one button back up using either DVDRW or USB
- ~ Network friendly

*...And high end features such as **Till Scan** as standard....*

The Ozone **V10** Series is a high spec linux based DVR range available only from Osmosis Ireland. Full specifications can be found overleaf.

Call 01 852 3600 for more details or email security@osmosis.ie

www.osmosis.ie

GENERAL FEATURES

True H.264 Standard Video Compression

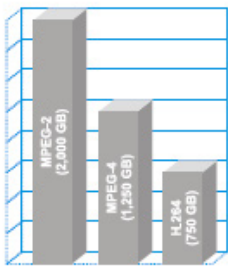
The most impressive feature of the V10 Series is the inclusion of the H.264 video codec, also known as Advance Video Codec (AVC) or MPEG-4 Part 10. This is the latest video standard to emerge from the MPEG standards group.



H.264 at 320x240, 450 Kbps



MPEG-4 at 320x240, 450 Kbps

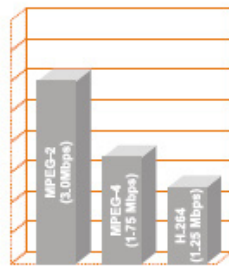


Smaller File Size

- 60% less than MPEG-2
- 40% less than MPEG-4
- Longer Record Times
- Lower HDD Costs

Lower Bandwidth

- Faster Downloads
- Smoother & Cleaner Video over Network



Embedded Linux System to give you the Ultimate Reliability



The V10 Series uses an internally optimized embedded linux system which provides the most reliable and stable DVR applications that can not be found on regular PC Systems.

Four USB Port for Mouse operation, Multi USB Hub and Backup



The V10 provides multi purpose USB Ports. (4 each)
These USB ports provide USB Control, SW Upgrade, Save Settings and Various back up options using USB Memory, external HDD etc.

Half D1 120/100fps Recording

The V10 series supports 120/100ips recording at Half D1 resolution with Real Time multi screen live view. With the high recording speed, the user can increase the recording speed up to 240/200ips recording speed at CIF resolution.



10 images per second



30 images per second

Various Recording Resolution D1/Half D1/CIF

The Ozone V10 has various recording resolution options and individual recording schedules. Different recording speeds can be set for each channel depending on the events / alarms.



Dedicated DB Structure for Stability

The V10 Series has its own distinctive image DB Structure which enhances and optimizes the recording data stability. It provides fully recoverable and protected system for recording data throughout unexpected system shut downs.



Upto Four SATA HDD



and No Limitation of Capacity

The V10 series has an unlimited storage capacity. Up to 4 SATA HDD's can be installed or 3 SATA HDD's can be installed with 1 SATA ODD.

CMS (Central Monitoring System)

The V10 provides a 64Ch multi monitoring/search program allowing for a very effective remote monitoring system.



4 Audio Input support

The V10 Series has 4 Audio Inputs which will synchronise with live video.

Enjoy the audio feature of the V10 Series without any additional cost.



Two-Way Audio

Two-Way Audio Communication is available with the V10 Series. This allows for advanced communication between DVR and the Remote Site.



Easy Setup same like DVR GUI in CMS

The V10 Series has an extremely effective remote set up option. The software and GUI is the same on the remote set up side as the local DVR. This provides easier remote set up and configuration.



Multiple DVRs can be operated with One Keyboard Controller



The V10 Series allows for various control options using the remote controller, mouse, front panel and keyboard controller. Users can control multiple DVR's using one single keyboard controller.

Web Monitoring, Searching and Setup



The V10 provides the most convenient remote control option via a web browser. Users can monitor, search, and set up their DVR's from anywhere in the world just using Internet Explorer 7.0 or above on any PC without a specific remote program.

Till Scan



The V10 Series provides a Text In function for POS and ATM devices using a RS232 port. Users can do a text search for the recorded data when using the Text In function.

Own Media Player for Backup Playback

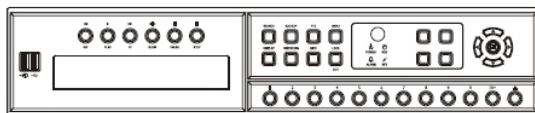
The V10 DVR's provide a self executable solution for simple backup data playback. This does not only provide effective data search and playback but also unauthorized data alteration.



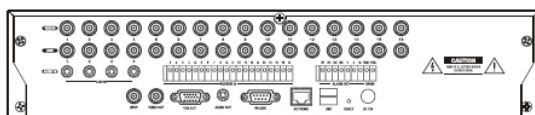
SPECIFICATIONS

Model		8 Channel	16 Channel
Video	In	8 BNC	16 BNC
	Out	1 VGA & 1 BNC Main, 1 Spot Output	
Audio	In	4 RCA (Line In)	
	Out	1 RCA (Line Out)	
Device	Sensor In	8 TTL	16 TTL
	Alarm Out	2 Relay + 2 TTL	
	I/O Interface	RS232, RS485, USB2.0x3, USB1.1x1 for Mouse	
Display	Speed	Real Time	
	Resolution	720 x 480 (NTSC), 720x576(PAL)	
	Split Screen	1, 4, 9, PIP, Digital Zoom	1, 4, 9, 13, 16, PIP, Digital Zoom
Recording	Compression	H.264 Codec	
	Speed / Resolution	120fps@CIF(NTSC) / 100fps@CIF(PAL) 60fps@Half D1(NTSC) / 50fps@Half D1(PAL) 30fps@D1(NTSC) / 25fps@D1(PAL)	240fps@CIF(NTSC) / 200fps@CIF(PAL) 120fps@Half D1(NTSC) / 100fps@Half D1(PAL) 60fps@D1(NTSC) / 50fps@D1(PAL)
	Picture Quality	Very High, High, Standard, Low	
	Mode	Time-lapse, Event, Time&Event, Emergency (Panic)	
Playback	Display	1, 4, 9, Digital Zoom	1, 4, 9, 13, 16, Digital Zoom
	Search Mode	Calendar Search, Event Search, Text-In Search, Go to Time	
	Playback Mode	Multi Channel Normal & Reverse Play, RW & FF (x2, x4, x8, x16, x32), Frame to Frame, Pause	
Network	Network Interface	Ethernet (10/100 Base)	
	Protocol	TCP/IP, HTTP, DHCP	
	Application	Live, Playback, Setup, Notification (Callback, E-Mail)	
	Web Browser	Internet Explorer 7 or higher	
Storage	3 x SATA HDD & 1 x SATA ODD (or max. 4 SATA HDD without ODD)		
Backup	CD & DVD-RW, External HDD(USB), External USB Memory		
Control	Front Panel Button, USB Mouse, IR Remote Controller, Joystick Controller		
OSD	Graphic User Interface (Multilingual)		
Approval	FCC, CE, MIC		
ROHS	ROHS Compliance		
Power Consumption	DC12V, 6.67A (80W)		
Operating Temperature	5°C ~ 40°C / 41°F~104°F		
Operating Humidity	0%~80% / non-condensing		
Dimension	430(W) x 88(H) x 428(D) mm / 16.93(W) x 3.5(H) x 16.85(D) inch		
Weight	6Kg / 13lb (without HDD)		

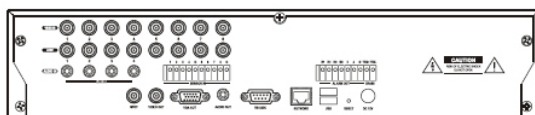
Specifications are subject to change without notice.



HD08/16P Front Panel



HD16 Rear Panel



HD08 Rear Panel



The Ozone V10 Series is available exclusively from
Osmosis Ireland
www.osmosis.ie
Call: 01 852 3600 Email: security@osmosis.ie