



PRO-HD

HD4 HD8 HD16



PRO-HD

HD4 / HD8 / HD16 Analogue DVRs

Simple Operation

Outstanding Image Quality

HD4 HD8 and HD16 DVRs from CSDVision are perfect for small and medium sized retail, commercial and industrial environments. With brilliantly simple user operation, H.264 compression, POS integration, and up to 400 images per second, these DVRs are the ideal choice for your next CCTV project!

Intuitive Operation

Incredibly simple operation brings a new level of user friendliness for a value class DVR



Embedded Linux

Built on an embedded Linux platform which delivers the most reliable performance for real time DVRs



POS Integration

Compatible with CSDVision touch monitor allowing users to operate the system via pen or finger touch



Two Way Audio

2-way audio communication (16 inputs, 1 output) for instant mutual communication over an IP network



TV and VGA outputs

Support TV and VGA outputs synchronously and integrated with alarm spot-monitor output



Real Time Recording

Support up to 16CH 400fps @ CIF, 100 fps @ D1 so users will never miss any detail



H.264 Compression

H.264 compression provides outstanding video quality, longer record times and, lower hard disk costs than traditional compression technologies.



Web Configuration

A web interface allow installers and end users to configure and monitor the DVR without the need to install client software



Central Management Software

CMS software supports monitoring and event searching for up to 64 channels



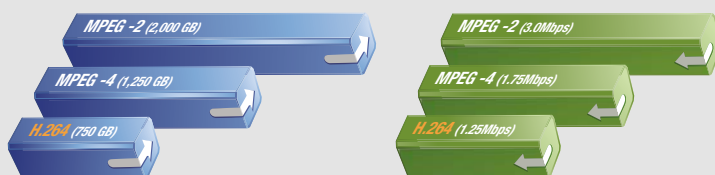
PTZ Control

Supports industry standard analog PTZ protocols, Pelco-D, Pelco-P etc. Users get full control of analogue PTZ cameras



H.264 Compression

The ProHD features the latest H.264 compression provides outstanding video quality at lower bit rates than traditional MPEG4 technologies. H.264 delivers longer record times, lower hard disk costs and lower network usage.



Smaller File Size

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

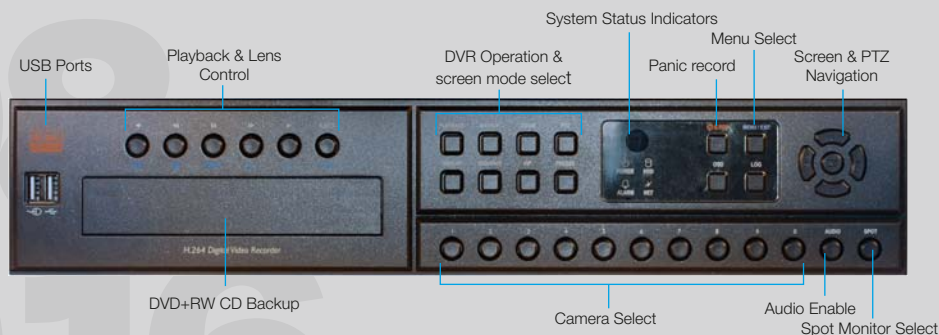
Lower Bandwidth

- Faster Downloads
- Smoother & Cleaner Video over Network

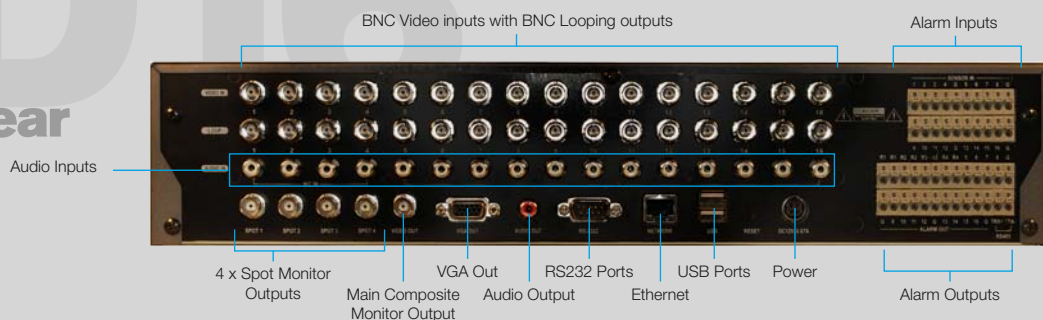
HD8 & HD16

Physical connections

Front



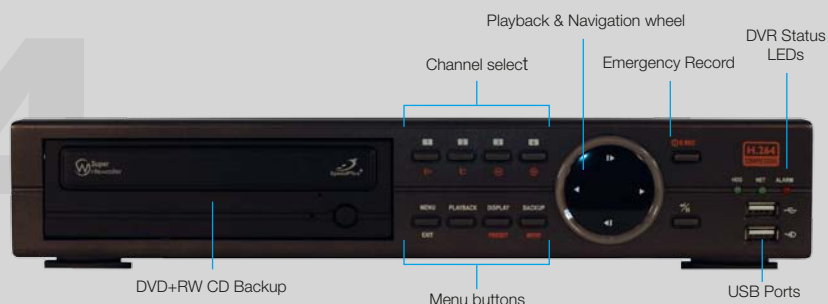
Rear



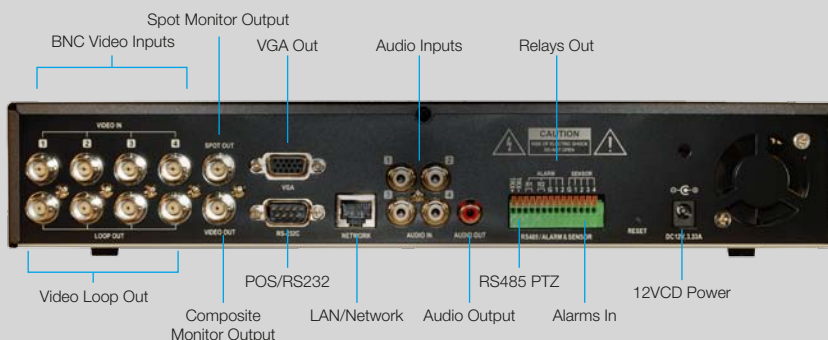
HD4

Physical connections

Front



Rear



Ordering Information

4 channel

PROHD045G	HD04 CSD Vision DVR 4 Channel 500G HDD
PROHD041T	HD04 CSD Vision DVR 4 Channel 1TB HDD

8 channel

PROHD085G	HD08 CSD Vision DVR 8 Channel 500G HDD
PROHD081T	HD08 CSD Vision DVR 8 Channel 1TB HDD
PROHD081T5	HD08 CSD Vision DVR 8 Channel 1.5TB HDD
PROHD082T5	HD08 CSD Vision DVR 8 Channel 2.5TB HDD

16 channel

PROHD165G	HD16P CSD Vision DVR 16 Channel 500G HDD
PROHD16P1T	HD16P CSD Vision DVR 16 Channel 1TB HDD
PROHD161T5	HD16P CSD Vision DVR 16 Channel 1.5TB HDD
PROHD162T5	HD16P CSD Vision DVR 16 Channel 2.5TB HDD

Product Specifications

Model	HD4	HD8	HD16
Operating System	Embedded linux	Embedded linux	Embedded linux
Video Format	H.264	H.264	H.264
Channels	4	8	16
Inputs and Outputs			
Video loop output	4	8	16
VGA output	1	1	1
Composite output	1 BNC	1 BNC	1 BNC
Spot-monitor output	1	4	4
Audio input	4 Total	8 Total	16 Total
Audio output	1	1	1
Mic input	None	4	4
Sensor in	4	4	18
Relay Output	2 relay + 2 TTL	4 Relay + 4 TTL	4 relay + 12 TTL
RS232 (com port)	1 (ASCII POS)	1 (ASCII POS)	1 (ASCII POS)
RS485	1	1	1
(e-SATA) port	None	1	1
USB port	2	4	4
Display and Recording Rates			
Display	Single, Quad, PIP, Sequence	Single, Quad, PIP, Sequence 9 + Digital zoom	Single, Quad, PIP, Sequence 9, 12+1, 16 + Digital zoom
Display rate (PAL)	100 IPS	200 IPS	400 IPS
Recording frame rate (CIF)	100 IPS	200 IPS	400 IPS
Recording frame rate (Half D1)	50 IPS	100 IPS	200 IPS
Recording frame rate (D1)	25 IPS	50 IPS	100 IPS
DVD RW	Yes DVD	Yes DVD	Yes DVD
HDD Standard Supports	1 X HDD	3 X HDD	3 X HDD
Power	ProHD4, 12VDC 3.3amps (40W),	ProHD8/16, 12VDC 6.7amps (80w)	
Size	340(W) x 67(H) x 265(D) mm	430(W) x 88(H) x 428(D) mm	
Record Mode	Time Lapse, Event, Time and event, emergency (Panic).		
Picture Quality	Low, Standard, high, very high.		
Search Mode	Calender Search, Event Search, Text-in Search, Go to Time		
Playback mode	Single and Multi channel. Normal speed, reverse, RW & FF X2, X8, X 16, X32, Frame by Frame, Pause		
Network Interface	Ethernet 10/100 Base, TCP/IP Http, DHCP, Microsoft I.E 7 or higher		
Network Application	Live, playback, setup, Notification and email.		
Backup	USB Memory stick, External HDD, Network and Inbuilt DVD burner		
Control	Front Panel, USB mouse, IR Remote control, joystick controller		
OSD	Multilingual, User Selectable		
Operating Temperature	5 to 40 Dec C, 0 to 80% humidity non condensing		
Approvals	CTick, FCC, CE		

Example recording times

Channels	IPS @ CIF Globally Standard Res	HDD Size	Recording time
4	4	500Gb	365 Days
4	20	500Gb	150 Days
4	40	1Tb	150 Days
4	100	1Tb	30 Days
8	8	500Gb	160 Days
8	40	500Gb	30 Days
8	80	1Tb	30 Days
8	200	1.5Tb	18 Days
16	16	500Tb	80 Days
16	80	1Tb	30 Days
16	160	1.5Tb	23 Days
16	400	2Tb	12 Days