



Live Display, Playback Video & Operation			
	CHD-0412	CHD-0812	CHD-1612
Input Level	HDcctv / HD-SDI / SMPTE292M		
Output	HDMI & VGA (Max. 1080p)		
Recording Performance	60FPS@720p, 28FPS@1080p	120FPS@720p, 56FPS@1080p	240FPS@720p, 112FPS@1080p
Compression	H.264		
Multi Operation	Realtime Pentaplex Operation		
Quality Grade	5 Levels		
Motion Detection	Motion Detection by Grid Setup		
Pre Recording	Minimum 15 Seconds - Maximum 20 Minutes		
Post Recording	Minimum 10 Seconds - Maximum 60 Seconds		
Live Display	Realtime Display		
Playback Screen	1, 4	1, 4, 8	1, 4, 8, 16
Playback Speed	x1/4 ~ x32	x1/4 ~ x16	x1/4 ~ x8
Search Mode	Timeline, First Time, Last Time, Specific Time, Log		
Menu Structure	Graphical User Interface		
Input Method	Mouse, Front Panel Buttons, Remote Control		

Storage & Backup			
	CHD-0412	CHD-0812	CHD-1612
Number of Internal HDD	2		4
Maximum Capacity	4TB		8TB
E-SATA	1 x eSATA on rear		
HDD Interface Type	Serial ATA I		
USB Backup	Video & Still Image		
DVDRW Backup	Video & Still Image		
Network Backup	Video & Still Image		

Audio, Alarm, USB & Peripheral			
	CHD-0412	CHD-0812	CHD-1612
USB Ports	2 USB 2.0 (1 front & 1 rear)		
Audio Input	4 Line Input & 1 Line Output	8 Line Input & 1 Line Output	16 Line Input & 1 Line Output
Audio Codec	G.711 (ADPCM)		
Sensor Input	4 Channel (Close or Open)	8 Channel (Close or Open)	16 Channel (Close or Open)
Alarm Output	1 Alarm Output	2 Alarm Outputs	4 Alarm Outputs
PTZ Control	1 RS-485	2 RS-485	
Termination	1	2	

Network & Other Features			
	CHD-0412	CHD-0812	CHD-1612
Dynamic DNS	Yes		
Network Interface	10/100/1000 Base-T Ethernet (RJ-45)		
Network Streaming	640x360 & 320x180		
Web Viewer Access	Live, Search, Backup, PTZF, Setup, Upgrade, 2 Way Audio		
Client & CMS Access	Live, Search, Backup, PTZF, Setup, Upgrade, 2 Way Audio		
Mobile Access	Live, Search, PTZF, 2 Way Audio		
Day Light Saving	Yes		
Internal Error Alarm	Yes		
Software Upgrade	USB Flash Drive, Network Upgrade		
NTP	Yes		

Weight, Dimension, Temperature & Power			
	CHD-0412	CHD-0812	CHD-1612
Power Supply Voltage	12VDC 5A		100-240VAC 50/60Hz 280W
Operation Temperature	41°F - 104°F		
Operation Humidity	0 - 90%		
Unit Weight	9 lbs		15 lbs
Unit Dimension	14.96"W x 13.38"D x 2.83"H		17.00"W x 16.92"D x 3.86"H