

DH230 Series

Digital Video Surveillance

Recorder 4/8/16 Channel H.264

CMS-DH 3G Mobile 480/480

TOUCH

SERIES DVR



Features

- ❖ Real Time Recording: 120fps @ D1, 240fps @ 2CIF, 480fps @ CIF
- ❖ Event Log Search, Preview Search, Motion Area Search, Go To Search
- ❖ SMART network transfer
- ❖ HDMI, VGA, Spot, Looping Outputs
- ❖ Disk Mirroring Function
- ❖ Advanced user configuration
- ❖ Security Certified Hard Disk with up to 6TB of storage
- ❖ PC/Mac Compatible
- ❖ 3G Smartphone (BlackBerry, iPhone, Android)
- ❖ Tablet Compatible (iPad, Android, Windows)
- ❖ CMS-DH application supports up to 300 DVRs, 64 ch/ screen, E-Map, full control
- ❖ Hardware watch-dog/power Failure recovery: auto-reboot while maintaining settings and data
- ❖ Alarm notification (Max 10 users): e-mail alert
- ❖ Fan lock detection
- ❖ DVR temperature alert, auto power-off



**3G Smart Phone
Viewing, BlackBerry,
iPhone, iPad
& Android**

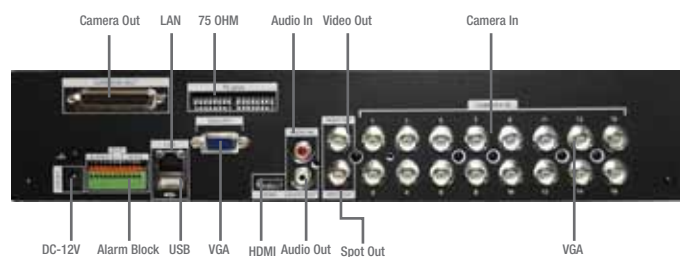


GUI



CMS-DH

Back Panel



Specifications

System

Multiple Function OS	Pentaplex Embedded Linux
Video Input	4ch/8ch/16ch
Video Output	Main: 1 HDMI, 1 VGA, 1 Composit Spot: 4/8/16 - 1 (programmable) Looping: 4/8/16
Audio Input/Output	1-1
Communication Port	RS-422, Ethernet (10/100 Base-T), USB 2.0
Power	12V, 6A

Display and Recording

Compression	H.264
Data Size	0.6~7 Mbps/ch @30fps
Live Display Resolution	720*480(NTSC) / 720*576(PAL)
Live Display Speed	Real Time
Display Split Mode	1, 4, 6, 7, 8, 9, 10, 13, 16
Recording Speed	120fps 720x480(NTSC), 100fps 720x576(PAL) 240fps 720x240(NTSC), 200fps 720x288(PAL) 480fps 360x240(NTSC), 200fps 260x288(PAL)
Recording Mode	Continuous, Alarm, Motion, Schedule, C+M
Recording Quality	Low, Middle, High, Super, Ultra
Motion Detection	Area: 8*8 selectable grids Sensitivity: 20 Sensitivity levels

Search and Playback

Search Method	SMART Search, date&time, event, log, motion area
Playback of Backup Files	Mini-Player (auto copy), CMS, AVI
Playback Speed	Multi Level (full frame reverse PB supported)

Backup and Storage

Backup Storage Interface	2x USB 2.0, Network
External Backup Device	External HDD, DVD-RW, Flash Memory Stick
Storage HDD	Up to 2 Internal HDD (4ch)/ Up to 3 HDD (8/16ch) w/o optical drive
Optical Drive	Optional internal

Time

Time Zone	Selectable
DST	Auto
Time Synchronization	Supported via NTP server

Network and Event

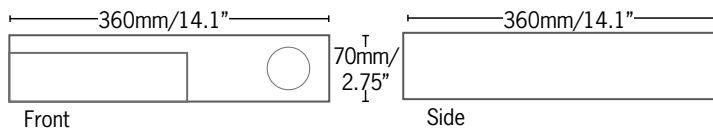
Network Interface	RJ 45/Ethernet
Network Line	LAN, WAN, Internet
Network Transmission Speed	Max 480FPS
Pre-Alarm/Post-Alarm	0 sec~30 sec / 10 sec~300 sec
DDNS	Digimerge DDNS, Public DDNS Selectable
Event Routing	Source: Alarm, Motion, Video Loss, System Power Loss, HDD Failure, Fan Lock, Temp Action: Record, system buzzer, alarm relay spot, e-mail, PTZ event

Misc

Controls	Mouse, Optional IR remote, front keys, IE
Firmware Upgrade	USB, Network
Dimensions (WxDxH)	360x 360 x 70mm / 14.1 x 14.1 x 2.75"
Weight	2.4KG / 5.3lbs without HDD
Power Consumption	50W
Operating Temp	0°C~40°C / 32°F~104°F

Dimensions

Weight:	2.4kg / 5.3lbs
Package Dimensions:	470mm x 440mm x 175mm / 18.5" x 17.3" x 6.9" (W x D x H)
Cube:	0.036 Cubic Metres / 1.28 Cubic Feet



Product Information

DH230 Series (with DVD RW)

UPC:	DH234501 4 Channel 500GB HDD	8-41430-00659-6
	DH2341TB 4 Channel 1TB HDD	8-41430-00660-2
	DH2342TB 4 Channel 2TB HDD	8-41430-00685-5
	DH2344TB 4 Channel 4TB HDD	8-41430-00715-9
	DH238501 8 Channel 500GB HDD	8-41430-00662-6
	DH2381TB 8 Channel 1TB HDD	8-41430-00663-3
	DH2382TB 8 Channel 2TB HDD	8-41430-00686-2
	DH236501 16 Channel 500GB HDD	8-41430-00665-7
	DH2361TB 16 Channel 1TB HDD	8-41430-00666-4
	DH2362TB 16 Channel 2TB HDD	8-41430-00687-9
	DH2364TB 16 Channel 4TB HDD	8-41430-00715-9

Includes: DVR, HDD Pre-Installed, DVD RW optical drive, Remote Control, Power Supply, Software application CD

DH230B Series (without DVD RW)

UPC:	DH234501B 4 Channel 500GB HDD	8-41430-00695-4
	DH2341TB 4 Channel 1TB HDD	8-41430-00696-1
	DH2342TB 4 Channel 2TB HDD	8-41430-00718-0
	DH2344TB 4 Channel 4TB HDD	8-41430-00721-0
	DH238501B 8 Channel 500GB HDD	8-41430-00698-5
	DH2381TB 8 Channel 1TB HDD	8-41430-00699-2
	DH2382TB 8 Channel 2TB HDD	8-41430-00719-7
	DH2384TB 8 Channel 4TB HDD	8-41430-00722-7
	DH2384TB 8 Channel 6TB HDD	8-41430-00723-4
	DH236501B 16 Channel 500GB HDD	8-41430-00701-2
	DH2361TB 16 Channel 1TB HDD	8-41430-00702-9
	DH2362TB 16 Channel 2TB HDD	8-41430-00720-3
	DH2366TB 16 Channel 6TB HDD	8-41430-00724-1

Includes: DVR, HDD Pre-Installed, Remote Control, Power Supply, Software application CD