



# 48 Channel Hybrid DVR

## CYHB-5048-Hybrid System

### Features:

- . Real Time Display and Recording at D1 Resolution
- . MPEG4 DSP Hardware Compression
- . Display, Recording, Playback, Remote Backup Simultaneously
- . 16 Ch SYNC Playback on DVR, Remote IE Client and CMS
- . Support IDE & SATA HDD
- . Support RAID 0-5 with RAID Alarm Notification
- . Powerful Central Management Capability Connecting a Maximum of 64 DVRs
- . Remote Monitoring via 3G/GPRS/Wi-Fi Mobile Handsets (optional)
- . Software Upgradeable via LAN



Specification	CYHB-5048-Hybrid DVR
OS	Embedded Linux
Compression	MPEG 4 DSP hardware compression
Video Format	NTSC/PAL
Video Input	24 BNC and 24 via IP address
Video Output	VGA
Audio Input	24
I/O	4/8/12/16/24 NC/NO IO Point with optional card
Multiplexer Quad Card	Optional Quad Card Support (5 TV-Outs)
Display	Splits: 1/4/6/8/9/13/16, Sequencer: 1/4, HDD Storage Display, Display Password Protection
Display Resolution	1024 x 768
Recording Resolution	720 x 480 / 320 x 240
Recording FPS	NTSC at 720 x 480
Recording Mode	Continuous/Non-Recording/Motion/Event-Recording
Supported IP Camera Vendor	Axis, Panasonic, Vivotech, ACTi, A-MTK, D-Link, Planet
MegaPixel Cameras	Yes, see current list for approved models.
Playback Channel	Maximum 16 Ch SYNC playback
Playback Enhancement	De-Interlace/Sharpen
Search Mode	by Time, Date, POS Event and Log
I&O Camera Relations	1-1, 1-many, many-1, many-many
Alarm Behavior	Alarm to zoom/Alarm to recording/Pop up message/Alarm to DO output
Alarm Notice	by E-mail, FTP and SMS
Video Loss Detection	Yes
Camera Mask Detection	Yes
Motion to Zoom	Yes
HDD	Support SATA & IDE HDD with Maximum 1TB per HDD
RAID	Support RAID 0-5 up to 5TB , RAID event notification and RAID configuration
Backup	USB/IDE burning device (CD-RW, DVD±RW) , USB storage (Pen drive, HDD)
Disk Recycle Schedule	User defined with a range of 1 to 365 days
HDD Smart Diagnosis	Yes
Networking	Internet/PSTN/LAN by Ethernet/Modem, Static IP, PPPoE/DDNS, DHCP
3G/GPRS/Wi-Fi	Supported with optional GPSM modem
IE Browser	IE Browser Maximum clients access simultaneously, Support remote monitoring, playback, setup & backup, Maximum 16 Ch SYNC playback
Central Management Sys	Connect to Maximum 64 DVRs, Support Health Check and E-MAP
POS	One or all channel POS (optional)
PTZ Control	Yes
Watchdog	Built in H/W Watchdog
User Account	128 user accounts , Multiple levels user authority (Admin/Supervisor/User)
UI Languages	English, French, German, Japanese, Portuguese, Spanish, Simplified and Traditional Chinese
Time Sync	Support Time Server, FM and RTC Time Sync