



4 Channel Hybrid Standalone Digital Video Recorder



Features

- 4 Channel Hybrid DVR
- ONVIF compatible 5M H.264/H.265 network camera supported
- UTC AHD/ TVI/ CVI camera supported
- Up to 8TB HDD supported
- Remote connection with Navigator Software
- Mobile phone (iOS, Android) solutions provided
- Support P2P connection (included)
- Chrome, Edge, Firefox, IE, Opera, Safari supported

Specifications

Model	DHD5104
Supports (Video Input)/Network video /IP video	AHD/ TVI/ CVI/ Analog camera / Network camera
Input (Video input)	4 CH

Simulation HD / Analog Camera Input Resolution(Video input)	AHD/TVI 5MP, CVI 4MP, 1080P and analog camera D1/960H
Simulation HD / Analog Camera Maximum Input Frame Rate (Video input)	5M 60 / 50 FPS 4M 60 / 50 FPS 1080P 120 / 100 FPS 720P 120 / 100 FPS 960H 120 / 100 FPS
Network Camera Resolution(Video input)	5M / 4M / 3M / 1080P / 720P
Network Camera Maximum Input Frame Rate(Video input)	Single Channel 5M 15 FPS / 4M 20 FPS / 3M 15 FPS / 1080P 30 FPS
Video output	HDMI□VGA 1080P
Split Screen	1 / 4 split division, sequence mode, freeze
Digital zoom	Up to 64× on live and playback
Record Encode	H.264 / H.265
Analog Camera Resolution (Recording)	CIF ~ 5M
Simulation HD / Analog Camera Maximum Recording Frame Rate(Recording)	5M 25 / 25 FPS 4M 30 / 25 FPS 1080P 60 / 50 FPS 720P 120 / 100 FPS 960H 120 / 100 FPS
Maximum Network Camera Input Throughput(Recording)	32Mbps
Network Camera Resolution (Recording)	CIF ~ 5M
Network Camera Maximum Recording Frame Rate	5M 60 FPS / 4M 80 FPS / 3M 60 FPS / 1080P 120 FPS
Application/ Recording Mode	Manual, schedule (continue, event, none)
Recording schedule	Each channel 7day × 24 hours time table, recording mode configurable
Alarm event actions	Motion grid (20×12, multi-level sensitivities) / DI
Alarm Notification (Recording)	Alarm notification iOS□android / E-Mail / FTP / buzzer / DO
Playback Search	Alarm event / Operation event / System event / Meta data event / Time search
Playback Display	4CH synchronous playback
Analog Camera Playback Resolution	CIF ~ 5M
Network Camera Playback Resolution	CIF ~ 5M
Playback Speed	Fast rewind 2×~64× / Fast forward 2×~64× / Slow motion 1/2~1/64

Internal HDD (Storage)	1 × 3.5" HDD, 8TB supported
USB Flash Disk(Backup)	Up to 128 GB supported (FAT32 & NTFS)
Network Backup	Via HTTP / FTP
Audio Compression	G.711 u-law & AAC
Analog Audio Input(Audio)	4 CH, RCA × 4
Audio Output	1 CH, RCA × 1 (0.7Vp-p, 300 Hz to 3KHz)
CE	Yes, EMI Class A
FCC	Yes, EMI Class A
Network ports	RJ-45 100Mbps × 1
Protocols	ARP / TCP/IP / UDP / HTTP /HTTPS / SMTP / FTP / DNS/ DDNS / PPPoE / NTP / DHCP/ RTSP/ RTP/ RTCP/ Onvif Profile S
Web (Network)	Direct internet browser access / Multiple users access
P2P(Network)	Support (included)
Mobile phone	iOS / Android supported
VMS support	Navigator
Backup / Playback (Software)	Remote Playback Manager / Backupman, multiple DVRs file download and multi-channel playback
Alarm Input / output	DI × 4 and DO × 1 (With programmable condition)
Reports(System)	Alarm event, operation, configuration and system execution log full reports exporting over HTTP or USB
Authentication (System)	User authentication with feature configurable and IP address blocking
Languages	Arabic, Chinese(Traditional), Chinese(Simplified), English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Turkish
HDD Inspection(System)	S.M.A.R.T monitoring / File system de-fragmentation/ IO read write error
Recorded Reserve Time(System)	1~365days
Time	Daylight saving / NTP / External USB GPS time sync

Mouse	Mouse click, drag and scroll
Remote Controller	IR Remote controller (Optional)
PTZ protocol	RS-485 × 1, MLP1 □MLP2 □PELCO D □PELCO P
UTC	UTC AHD/ TVI/ CVI camera supported
USB to RS-232	Record external metadata via USB to RS-232 cable, display at live and playback
CPU	ARM Cortex A7 Dual Core
OS	Embedded Linux Kernel 3.18
WDT	Hardware watchdog timer
Power Supply	Adapter DC 12V, 3A, 36W × 1
Operating temperature	0° ~ 45°
Operating humidity	5% ~ 80%
Dimensions	360× 316× 60 mm
Weight	≈2.1 kg (Without hard drive)