

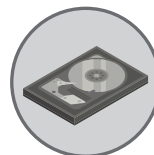
16 CH PoE 4K Standalone Network Video Recorder

DHD6216A

www.meritlilin.com



H265 H264



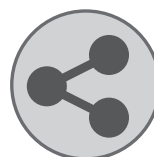
16TB HDD



5MP



HDMI

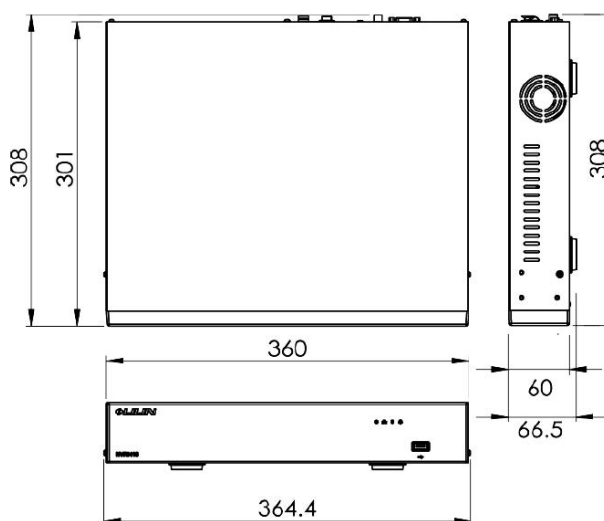


P2P

- ▶ 16 Channel Hybrid DVR
- ▶ ONVIF compatible 5M H.264/H.265 network camera supported
- ▶ UTC AHD/ TVI/ CVI camera supported
- ▶ Up to 12TB HDD supported
- ▶ Remote connection with Navigator Software
- ▶ Mobile phone (iOS, Android) solutions provided
- ▶ Support P2P connection (included)
- ▶ Chrome, Edge, Firefox, IE, Opera, Safari supported

Dimensions

360 × 316 × 60 mm



Video input	
Supports	AHD/ TVI/ CVI/ Analog camera / Network camera
Input	16 CH
Analog HD / Analog Camera Input Resolution	AHD / TVI 5MP, CVI 4MP, 1080P and analog camera D1 / 960H
Analog HD / Analog Camera Maximum Input Frame Rate	"5M 240 / 200 FPS, 4M 240 / 200 FPS, 1080P 480 / 400 FPS, 720P 480 / 400 FPS, 960H 480 / 400 FPS"
Network Camera Resolution	4K / 5M / 4M / 3M / 1080P / 1.3M / 1M / 960H / D1 / VGA / CIF
Nextwork Camera Maximum Frame Rate	480 FPS
Video output	
Output	HDMI 4K, VGA 1080P
Split Screen	1 / 4 / 8 / 9 / 12 / 13 / 16 split division, sequence mode, freeze, alarm display
Digital Zoom	Up to 64× on live and playback
Privacy Mask	Each channel 4 privacy mask supported
Recording	
Encode Format	H.264 / H.265
Analog Camera Resolution	CIF ~ 5M
Analog HD / Analog Camera Maximum Input Frame Rate	5M 100 / 100 FPS, 4M 120 / 100 FPS, 1080P 240 / 200 FPS, 720P 480 / 400 FPS, 960H 480 / 400 FPS
Maximum Network Camera Input Throughput	96Mbps
Network Camera Resolution	4K / 5M / 4M / 3M / 1080P / 1.3M / 1M / 960H / D1 / VGA / CIF
Network Camera Maximum Recording Frame Rate	480 FPS
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) / network camera event / DI
Metadata options	POS RFID AND PIN CONTROLLER BARCODE SCANNER GPS
Alarm Notification	Alarm notification iOS 、android / E-Mail / FTP / buzzer / DO
Playback	
Search	Alarm event / Operation event / System event / Time search
Display	16CH synchronous playback
Analog Camera Playback Resolution	CIF ~ 5M
Network Camera Playback Resolution	CIF ~ 4K
Speed	Fast rewind 2× ~ 64× / Fast forward 2× ~ 64× / Slow motion 1/2 ~ 1/16
儲存裝置	
Internal HDD	2 × 3.5" HDD (Up to 16TB supported)
Backup	
USB Flash Disk	Up to 128 GB supported
Network Backup	Via HTTP / FTP / Network Places
Audio	
Audio Compression	16 CH, G.711 u-law 8K or AAC(from Network Camera)
Analog Audio Input	16 CH, RCA × 8, D-Sub 15 x 1
Audio Output	RCA × 1 (0.7Vp-p, 300 Hz to 3KHz)
Network Camera Two Way Audio	Yes
Network	
Ports	RJ-45 Gigabit Ethernet × 2

Protocols	ARP / TCP/IP / UDP / HTTP / HTTPS / SMTP / SNMP / FTP / DDNS / PPPoE / NTP / RTP / RTSP / DHCP/ ONVIF Profile S / ONVIF Profile G
Web	Direct internet browser access / Multiple users access
Mobile Phone	iOS / Android supported
P2P	APP scan QR Code / UID connection
RTSP Service	RTP UDP/ RTSP TCP supported
IPScan / WS-Discovery	WS-Discovery and IP Scan, automatically quick IP address setup for network cameras
Web access	Live / playback / backup / menu configuration / event log
Software	
VMS	Navigator
Backup / Playback	Remote Playback Manager / Backupman, multiple NVRs file download and multi-channel playback
Digital watermark (Video tamper resistance)	support digital watermark feature to ensure the backup footage is not got forged and modified
Alarm	
Alarm/event (Ports)	DI × 16 and DO × 1 (With programmable condition)
System	
Reports	Alarm event, operation, configuration and system execution log full reports exporting over HTTP or USB
Authentication	User authentication with feature configurable and IP address blocking
Language	Arabic, Traditional Chinese, Simplified Chinese, English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Turkish
HDD Inspection	S.M.A.R.T monitoring / File system de-fragmentation/ IO read write error
Recording Day	Automatic recording day calculator
Time	Daylight saving / NTP Client / NTP Server / External USB GPS time sync
Accessories	
PTZ Protocols	RS-485 MLP1 、MLP2 、 PELCO D 、 PELCO P / HTTP / ONVIF
USB to RS-232	Record external metadata via USB to RS-232 cable, display at live and playback
RS-485	One set for PTZ control
Remote Controller	Remote controller addressable up to 255 DVRs (Optional)
Mouse	Mouse click, drag and scroll
Microphone	USB Mic (Optional)
USB GPS Receiver	Support
Others	
CPU	ARM Cortex A53 Quad Core
OS	Embedded Linux Kernel 4.19
WDT	Hardware watchdog timer
CE	Yes, EMI Class A
FCC	Yes, EMI Class A
Power and working environment	
Power	Adapter DC 12V, 5A, 60W × 1
Operating Temperature	0°C ~ 45°C
Operating Humidity	5% ~ 80%
Dimension (W×L×H)	360 × 316 × 60 mm
Weight	≈ 2.4 kg (Without hard drive)
Warranty	
Warranty	2 Year(s)