Longse

16CH AI NVR

NVR3116K1

AI Function | Cloud Storage | Local Storage | H265/H264 H265+/H264+ | Audio | Alarm

- Video Input: 16CH
- Motion Detection: 16CH
- AI Function
- Up to 12MP Resolution Recording
- H265/H264/H265+/H264+
- 1 SATA HDD Up to 10 TB capacity for each HDD

www.longse.com
marketing@longse.com
No.18, Dongming 3rd Road, Huangpu District, Guangzhou, Guangdong, China

Longse Technology Limited | Longse_Group | Longse Technology | Longse Technology | Longse_Group

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System	
Main Processor	Dual Cortex A53
Operating System	Embedded LINUX
Video	
Input	16CH(12MP/8MP/5MP/4MP/3MP/1080p/1280x1024/960p/720p/D1)
Output	1*HD,1*VGA
Audio	
Input	1 Port RCA, support 16CH IPC audio input
Output	1 Port RCA(Linear, 1kΩ), HD output
Audio Bit Rate	64kbps
Audio Compression standard	G711U, G711A, AAC, MP2L2
Intercom	support (two-way)
Alarm	
Sensor Input	N/A
Output	N/A
Motion Detection	16 Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot and Screen Tips, Pop-up Window, Buzzer, Notify Surveillance Center
Display	
HD Output1	4K(3840*2160)/2K(2560*1440)/1920*1080/1280*1024/1280*720/1024*768
HD Output2	N/A
VGA	1920x1080,1280x1024,1280x720,1024x768
Display Split	16CH/13CH/10CH/9CH/8CH/6CH/4CH/2CH/1CH
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm
Event	
Smart Event	Intrusion Detection, Line Crossing Detection, Region Entrance, Region Exiting, Loitering Detection, People Gathering Detection, Face Detection, Illegal Parking Detection, Line Crossing Count, LPD(License Plate Detection), Abandoned Object Detection, Removed Object Detection, Heat Map, Fire Detection, Video Metadata
Nomal Event	Motion, Video Tampering, Video Loss, Audio Detection, Scene Change
Recording	
Video Compression	H265/H264/H265+/H264+
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/D1/2CIF/CIF
Record Rate	PAL: 12MP@10CHx25fps,8MP@16CHx25fps,5MP@16CHx25fps,4MP@16CHx25fps,3MP@16CHx25fps,1080P@16CHx25fps,960P@16CHx25fps,720P@16CHx25fps,D1@16CHx25fps NTSC: 12MP@10CHx30fps,8MP@16CHx30fps,5MP@16CHx30fps,4MP@16CHx30fps,3MP@16CHx30fps,1080P@16CHx30fps,960P@16CHx30fps, 720P@16CHx30fps,D1@16CHx30fps
Record Mode	Manual\Timer\Motion Detection\Event
Playback & Backup	
Local Sync Playback	1CH 12MP@30fps, 1CH 8MP@30fps, 2CH 5MP@30fps, 4CH 4MP@30fps, 7CH 1080P@30fps, 16CH 720P@30fps, 16CH D1@30fps
Decode Capability	1080P@210fps

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Remote Sync Playback	YES
Search Mode	Video, Picture, Event, Pedestrian, Vehicle, Face, License Plate
Playback Functions	Play, pause, fast forward, rewind, previous frame, next frame, electronic zoom, clip, audio
Backup Mode	USB Device/Network
Network	
Interface	1 x RJ45(10M/100M/1000M Adaptive Ethernet Interface)
Incoming Bandwidth	128Mbps
Outgoing Bandwidth	80Mbps
Network Functions	IPv4/IPv6/TCP/IP/HTTP/HTTPS/UPnP/DNS/NTP/SMTP/DHCP/FTP/DDNS/RTSP/RTCP/p2p/PPPOE/SNMP
Onvif	Profile S, Profile T, Profile G, Profile M
Web Browser	Edge, IE8-11, Google Chrome, Firefox, Safari
CMS Software	Support Windows 10/Windows 11/MAC OS
Cloud Support	Yes
Smart Phone	iPhone, Android
POE	N/A
WIFI	N/A
Storage	
Interface Type	1 SATA Hard Disk Interface (3.5" SATA)
Capacity	Up to 16TB for each disk
eSATA	N/A
General	
Language UI	Simplified Chinese, Traditional Chinese, English, Polski, Czech, Arabic, German, French, Portuguese, Spanish, Italian, Hungarian, Korean, Dutch, Greek, Janpanese, Ukrainian, Kazakh, Hebrew
USB Interface	Front panel: 1×USB 2.0; Rear panel: 1×USB 2.0
RS485	N/A
Power consumption	DC12V/2A
Working Environment	-10℃～55℃, 10%～90%(humidity)
Product Dimension(W×D×H)	260X230X43(mm)
Net Weight	0.85kg(without HDD)
Gross Weight	1.17kg(without HDD)

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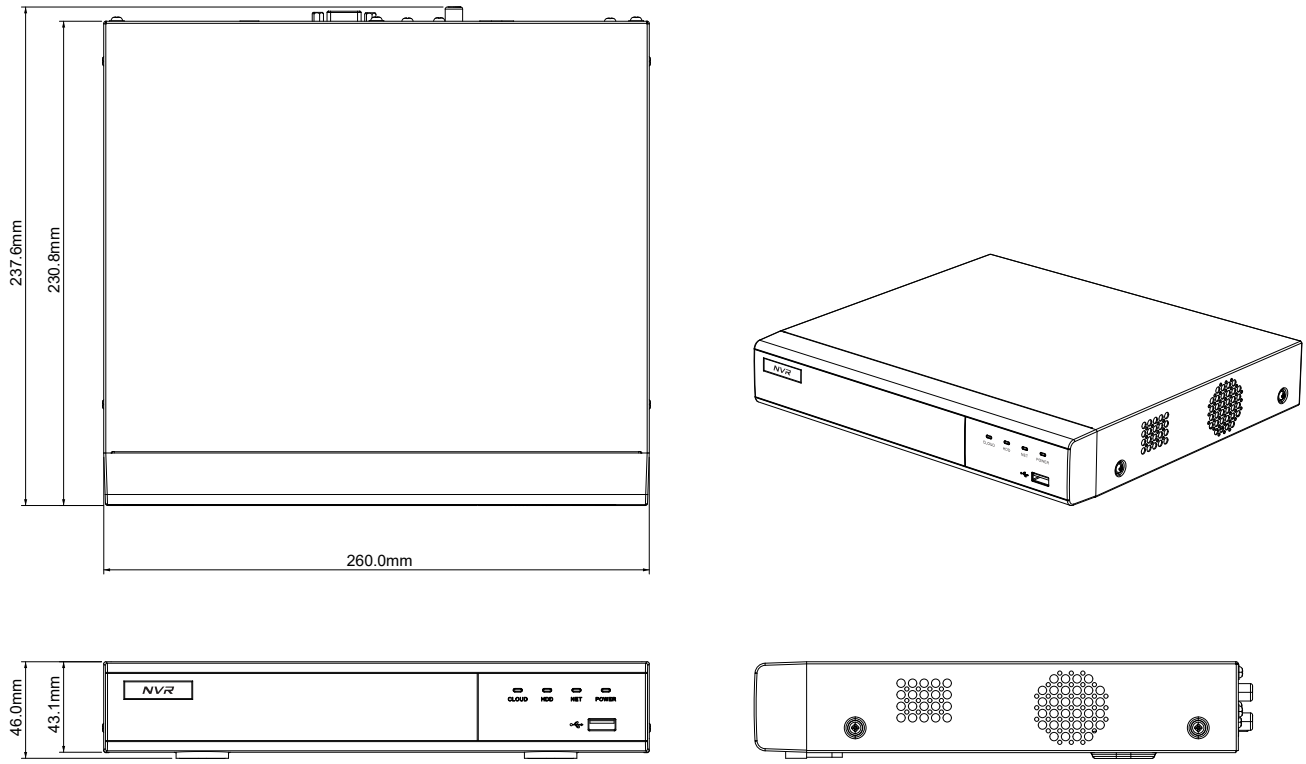
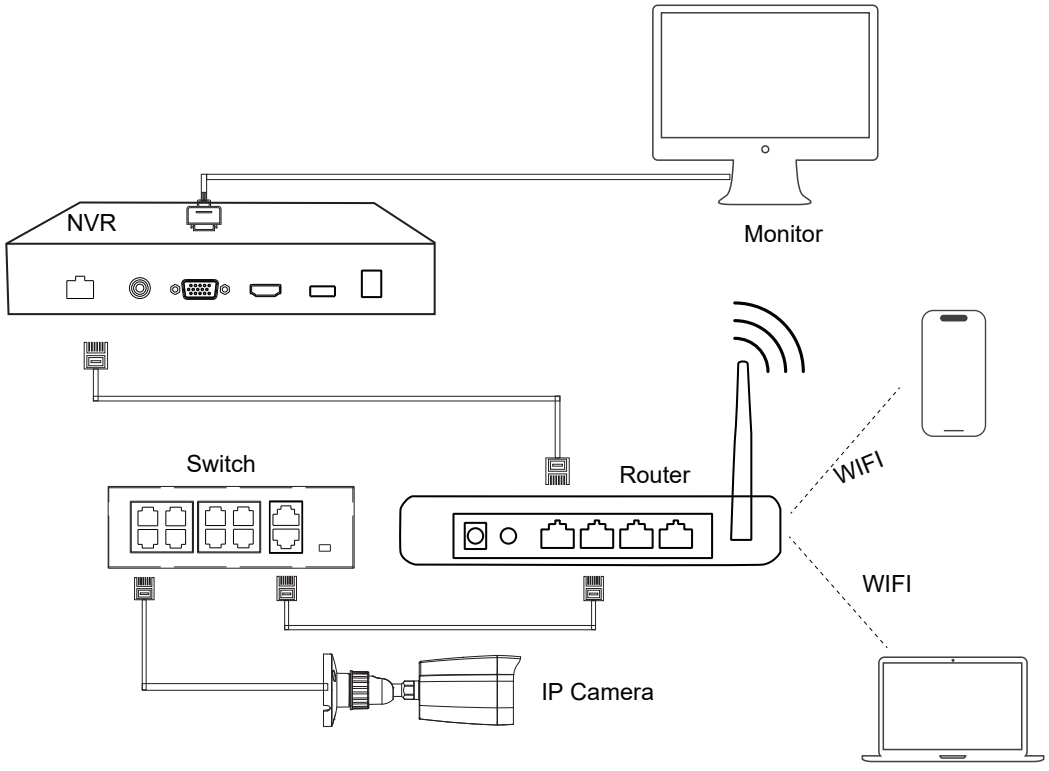
Dimensions (mm)



Connection Diagram



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