NEXIVUE

7A16C-H2

16Ch. 4K Network Video Recorder

- Up to 16 Channel IP camera input
- Support Up to 12MP Resolution
- NEXICODE, H.265, H.264 Video Compression
- Max Incoming Bandwidth 160Mbps, Outgoing Bandwidth 160Mbps
- 2 SATA Port, Up to 16TB capacity





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MADE IN INDIA

*Product casing and specifications are subject to change without prior notice

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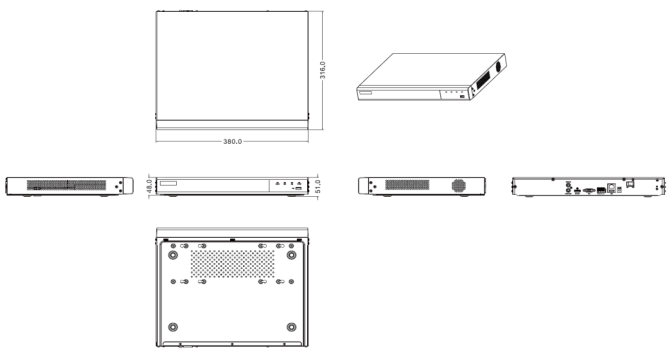
16Ch. 4K Network Video Recorder

Functions

NEXICODE

NEXICODE is Nexivue's optimized implementation of H.265. It integrates intelligent encoding algorithms that adapt to various monitoring scenarios, significantly reducing bit rate and storage requirements without compromising video quality. NEXICODE enhances overall system efficiency and is more cost-effective.

Dimensions (mm/inch)



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Feature	Specification
Operating System	Embedded LINUX
IP Camera Input	16 Channels
Video Input	16Channel(12MP/ 8MP/ 6MP/ 5MP/ 4MP/ 3MP/ 1080p/ 1280x1024/ 960p/ 720p/ D1/ CIF)
Resolution	12MP (4000 x 3000), 8MP (3840 × 2160), 6MP (3072 x 2048), 5MP (2592 × 1944), 4MP (2688 × 1520/ 2560 × 1440), 3MP (2048 × 1536),1080P (1920 × 1080), (1280 x 1024), 960P (1280 x 960), 720P (1280 × 720), 960H (960 x 480), D1 (720 × 576/ 720 × 480)
Preview capability	1 CH 12MP@25fps, 2 CH 8MP@25fps, 2 CH 6MP@25fps, 3 CH 5MP@25fps, 4 CH 4MP@25fps, 5 CH 3MP@25fps, 8 CH 1080p@25fps, 16 CH 720p/ D1@25fps
Playback Capability	1 CH 12MP@25fps, 2 CH 8MP@25fps, 2 CH 6MP@25fps, 3 CH 5MP@25fps, 4 CH 4MP@25fps, 5 CH 3MP@25fps, 8 CH 1080p@25fps, 16 CH 720p/ D1@25fps
Bandwidth Rate	12MP: 160 Mbps for Input, 160 Mbps for Recording and 160 Mbps for Transmission 8MP~D1: 128 Mbps for Input, 128 Mbps for Recording and 80 Mbps for Transmission
Video Output	1 HDMI: 4K (3840 x 2160), 2K (2560 x 1440), (1920 x 1080), (1280 x 1024), (1280 x 720), (1024 x 768) 1 VGA: 2MP (1920 x 1080), (1280 x 1024), (1280 x 720), (1024 x 768)
Video Display Split	16 Channel/ 13 Channel/ 10 Channel/ 9 Channel/ 8 Channel/ 6 Channel/ 4 Channel/ 2 Channel/ 1Channel
Record Mode	Normal Record/ Motion Detection/ Alarm/ Intelligent
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm
Motion Detection	16 Channel, MD Zones: 396 (22 x 18)
Trigger Events	Recording, Email, FTP, Snapshot, Show Message, Pop-up Window, Alarm Output, Buzzer
Smart Event (By Camera)	Intrusion Detection, Line Crossing Detection, Region Entrance, Region Exiting, Loitering Detection, People Gathering Detection
Search Mode	ALL, Normal Video, Motion Detection, Alarm, Tag search, Smart Event, Picture, Log

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Feature	Specification
Playback function	Play, Pause, Fast forward, Rewind, Previous frame, Next frame, Zoom, Clip, Audio
Digital Zoom	Support
Video Compression	NEXICODE, H.265, H.264
Audio Compression	G711U, G711A, AAC
Audio Input	1 Port RCA, Support 16 Channels IPC
Audio Output	1 Port RCA, HD output
Alarm Input	4 Channels
Alarm Output	1 Channel
Audio Bit Rate	64kbps
Protocols	IPv4/ IPv6/ TCP/ IP, HTTP, HTTPS, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, NexiQloud, PPPOE, SNMP, Onvif (Profile S, Profile T)
Remote Operations	Support
OTA Upgrade	Support
Backup Mode	USB Device/ Network
Browser	Edge, Google Chrome, Firefox, Safari
USB Interface	Front panel: 1 x USB 2.0, Rear panel: 1 x USB 2.0
Ethernet	1 x RJ45 (10M/100M/1000M self-adaptive Ethernet Interface)
Storage Capacity	2 SATA Hard Disk Interface (3.5" SATA), Up to 16TB capacity
Power Consumption	DC12V/4A ≤15W (Without Hard Disk)
Operating Temperature	-10°C～50°C
Operating Humidity	10%～90%(Humidity)
Dimensions	380mm x 316mm x 51mm
Weight	1710g (Without HDD)

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