

NEXIVUE

7A16B-H1

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 128Mbps, Outgoing Bandwidth 80Mbps
- 1 SATA Port, Up to 16TB capacity





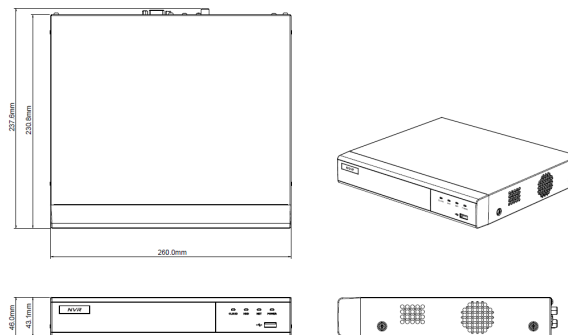
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Functions

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 x 2160), 6MP (3072 x 2048), 5MP (2592 x 1944), 4MP (2688 x 1520/ 2560 x 1440), 3MP (2048 x 1536), 1080P (1920 x 1080), (1280 x 1024), 960P (1280 x 960), 720P (1280 x 720), 960H (960 x 480), D1 (720 x 576/ 720 x 480)
Preview capability	1 CH 12MP/8MP@25fps, 2 CH 6MP/5MP@25fps, 4 CH 4MP/3MP@25fps, 7 CH 1080p@25fps, 16 CH 720p/D1@25fps
Playback Capability	1CH 12MP/ 8MP@25fps, 2 CH 6MP/ 5MP@25fps, 4 CH 4MP/ 3MP@25fps, 7 CH 1080p@25fps, 16 CH 720p/ D1@25fps
Bandwidth Rate	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	Manual/ Normal Record/ Motion Detection/ Smart Event
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, Buzzer
Smart Event	Enables event-based recording and actions for efficient monitoring, Event like Loitering Detection, Line crossing Detection, Intrusion Detection, People Gathering.
Search Mode	ALL, Normal Video, Motion Detection, 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
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	2 USB 2.0 Interfaces
Ethernet	1 x RJ45 (10M/100M/1000M self-adaptive Ethernet Interface)
Storage Capacity	1 SATA Hard Disk Interface (3.5" SATA), Up to 16TB capacity
Power Consumption	DC12V/2A ≤ 10W (Without Hard Disk)
Operating Temperature	-10°C~50°C
Operating Humidity	10%~90%(Humidity)
Dimensions	260mm x 230mm x 43mm
Weight	850g (Without HDD)

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