

FX-4KNVR128-V2

128 Channel 4K Network Video Recorder

NVR



16MP/12MP/8MP/6MP/4MP/3MP/1080P/720P HD NVR



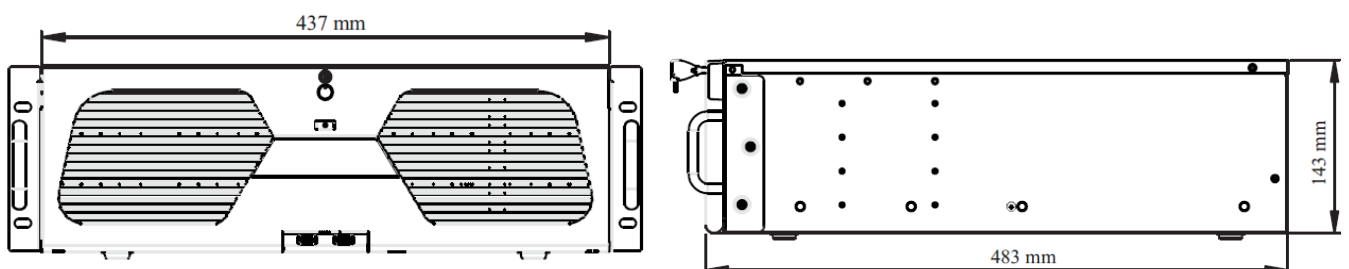
This series of product supports a range of resolutions including 16MP, 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1280 × 1024, 960P, and 720P for high-definition IP video input. It utilizes advanced SOC technology to ensure high-definition recording across each channel, enhancing system robustness significantly.

Additionally, this series supports 128 channels of IP input, allows simultaneous playback of 16 channels, and features 8K high-definition display capability. These capabilities cater to diverse security needs in home, financial, commercial, enterprise, transportation, and governmental sectors.

Features

- Support 64/128CH 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF IP input
- H.265S/H.265+/H.265/H.264 coding
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-mode recording: manual / timed / motion / sensor/ POS / AI recording
- Playback: 16 CH simultaneous playback
- Search: time slice, time, event, tag, smart and target database search
- Support face detection and comparison
- Support multiple VCA (Video Content Analytics) events, such as region intrusion, tripwire, etc.
- Support OS information overlay on live view and playback
- Support RAID 0, 1, 5, 6, 10
- Express and flexible backup via USB, network and so on
- Preview, record, playback, backup and remote access are supported
- DHCP, DDNS, PPPoE network protocol, etc.
- Compatible with third-party IPCs, such as ONVIF, Hikvision, etc.
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Multi-user online simultaneously
- Authorization management, log view and device status view
- 8K output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QR Code scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

Dimensions



Specifications

Model		FX-4KNVR128-V2	
System	OS	Embedded Linux	
Video	IP Video Input		128CH
	Network Bandwidth		Incoming: 768Mbps Outgoing: 768Mbps
	Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF	
	Output	HDMI1: 7680×4320@60, 7680×4320@30, 3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 (When the resolution of HDMI1 output is 8K, HDMI2 is unavailable and the maximum resolution of HDMI3 output is 1920×1080) HDMI2: 3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 HDMI3: 3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 HDMI4: 1920×1080, 1280×1024, 1024×768 VGA×1: 1920×1080, 1280×1024, 1024×768 (VGA and HDMI1 output the same video source)	
	Multi-screen Display	Main output:1/4/6/8/9/13/16/25/32/36/64 AUX output 1:1/4/6/8/9/13/16/25/32/36 AUX output2:1/4/6/8/9/13/16 AUX output 3:1/4/6/8/9/13/16 Max. 132(64+36+16+16)	
	Compression	H.264/H.265/H.265+/H.265S	
Audio	Network input		128CH
	Local Input	RCA×1 (for two-way talk)	
	Local Output	RCA×1	
	HDMI Audio Output	Support	
	Compression	G.711(U/A)	
Record	Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF	
	Frame Rate	N:30fps; P:25fps	
Playback	Simultaneous Playback	16CH	
	Search	Time slice/time/event/tag/smart search	
	Function	Play, pause, FF, Rewind, digital zoom, previous frame, next frame, etc.	
Decoding Capability	Live View	1CH 16MP@30 / 4 CH 12MP(only available for main output)	
	Playback	1CH 16MP@30 / 4CH 8MP(only available for main output)	
Alarm	Mode	Manual, sensor, motion, exception, smart events, etc.	
	Input	24CH	
	Output	8CH	
	Triggering	Record, snapshot, preset, e-mail, etc.	
Face	Face Detection Performance (AI by IPC)		128CH
	Face Detection Performance (AI by Device)	4CH(4MP)	
	Face Match Performance	16CH	
	Comparison Capability	36 pictures/second	
	Face Picture Database	32 libraries 10000 face pictures	
	Face Picture Search	Search by picture is supported	
	Database Management	Add, modify, delete and search face pictures	
	Face Picture Adding	Add face pictures through APP, WEB and external import	
	Face Picture Comparison	Supports successful face recognition alarm and stranger match alarm	
	Track	Track display on a map	

	Statistical Graph of Information	Bar graph
	Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period
Perimeter Protection	Human/Vehicle Classification (AI by IPC)	128CH
	Human/Vehicle Classification (AI by Device)	8CH(2MP)
Video Metadata	Human/Vehicle Attribute Analysis (AI by IPC)	Yes
Other Functions	Fisheye	Supports fisheye dewarping via NVR/Web Client/mobile APP
	Plate Recognition (AI by IPC)	Yes
Network	Protocol	TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
	Interface	RJ45 10/100/1000Mbps ×2
	Client Connection	Max. 128 users access
Mobile Device	OS	iOS, Andriod
Storage	HDD Interface	SATA×16, max 10TB per HDD
	RAID Type	RAID0,1,5,6,10
	E-SATA Interface	2
Port	USB	USB3.0×1; USB2.0 ×3(Front:2);
	RS485	Yes (full-duplex), connect to PTZ or keyboard
	RS232	Yes
	Reset	Yes
	Remote Controller	No
Others	Power	ATX-275W
	Consumption	≤50W (without HDD)
	Dimensions	437 × 483 × 143mm
	Certificate	CE,FCC
	Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , Directive 94/62/EC and REACH(EC1907/2006)
	Working Environment	-10~50°C; Humidity: 10%~90%

Rear Panel

