

VOOST-NVR-M12128E ○ 128CH Network Video Recorder



- High resolution camera support (12MP Camera support)
- H.265, H.264, MPEG-4, JPEG Codec Decoding
- Robust Security (Recorded video encryption & RTP/RTSP encrypted transmission)
- Various Additional Features (Intelligent video/sound analysis, external equipment connection, audio broadcasting)
- 4K UHD Dual Monitor Support
- Equipped with 12 HDDs
- Non-disruptive Service (N:1 Failover)
- CMS, Android Mobile App Available

○ Product Key Features

High-performance Video Display

- INTEL, NVIDIA HW codec decoding & display
- Reduced CPU load with GPU video decoding

Leverage different camera resolutions

- Leverage 4 different resolutions simultaneously from a single camera
- High res. Low res., continuous/event recording, and image analysis

Easy Device Management

- Preview & device search for ONVIF & various manufacturer protocol
- Device registration & backup with Excel

Various Recording/Search functions

- Continuous, Event, Continuous+Event Recording
- Playback control using jog shuttle
- Quick search with mouse drag and scroll
- Full frame playback when reverse playback (based on 1 channel)

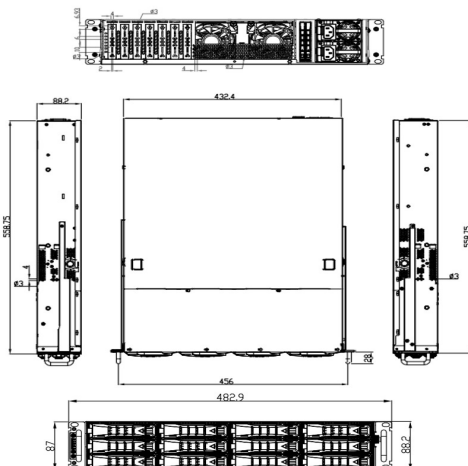
Distinctive Management Capabilities

- Real-time graph-based recording devices, cameras, and connection status management
- Real-time fault status and history management
- Manage various logs for systems, events, users, and devices
- Provides statistical information based on data by period, device, and type

Various Additional Features

- N:1 failover support
- Intelligent image/sound analysis (intelligent image analysis, abnormal sound source, vehicle number recognition, thermal image)
- Interworking with various external equipment (emergency bell, elevator, wall pad, IoT sensor, admission control, fire alarm, etc.)
- Text to Speech (TTS)-based audio broadcasting
- Operations using 2.5D E-Map
- Fisheye lens camera de-warping support (12MP camera support)

○ Exterior / Dimensions



○ Product Specifications

Display			
Network Camera	Input	128CH	
	Resolution	QCIF ~ 4K	
	Protocol	ONVIF, RTSP, Local / Global Manufacturer Protocol	
Display	Monitor resolution	1280 x 800 or higher	
	Live performance	Full-HD @ 750fps or D1 @ 1920fps or CIF @ 3840fps	
	Split screen	1, 4, 9, 16, 25, 36, 49, 64, asymmetric	
	Video codec	MJPEG, MPEG-4, H.264, H.265	

Function / Performance

Software	Video codec	MJPEG, MPEG-4, H.264, H.265		
	Resolution	QCIF ~ 12MP		
	Recording performance	Full-HD @ 3840fps		
	Recording mode	Manual, continuous, event, continuous+event		
	Event type	Camera events (movement detection, alarm input detection, image loss, audio detection, boundary crossing, vehicle number, thermal detection) Intelligent image analysis events (intrusion, speculation, theft, roaming, safety helmet, mask, abnormal sound source, walking safety, water level, reverse driving, face detection, incapacitation) IoT device events		
	Event action	Image pop-up, warning tone, warning light, instant viewer, preset movement, Alarm output, CGI, audio broadcasting		
	Search / Playback	Resolution	QCIF ~ 12MP	
		Search mode	Calendar, time, event list search, bookmark	
		Simultaneous playback	25 split screen	
	Back up	Playback control	x0.5 to x32 forward/reverse playback, jog shuttle, skip frame/hour units	
		File format	EXE, AVI, MP4	
		Function	Manual backup of up to 16 simultaneous channels, password setting, anti-forgery	
	Audio	Codec	PCM, G.711, G.726, AAC	
		Two-way	Supported	
	Camera setting	Registration	Auto Scan / Manual Registration / Preview	
		Settings	IP settings, profile settings (high resolution stream, high resolution bitrate, Low resolution stream, low resolution bit rate)	
Time synchronization	NTP server, GPS receiver			
PTZ	Control	Mouse, Keyboard, Joystick (WTX-1300, HUK5000N(P), KSC-3000U, SPC2001, USB), On Screen		
	Preset	Max 256		
Fault management	Failover	N : 1 (Active-Standby)Support		
	System control	Mouse, keyboard		
System log	system logs, event logs, user logs, device logs			
CMS	Default			
OS	Windows11 IoT Enterprise 64bit			
Hardware	CPU	Intel Xeon Processors		
	RAM	32GB		
	OS SSD	256GB*2 / Raid-1 Support		
	Storage HDD	Max 12 of 3.5inch HDDs		
	RAID	0, 1, 5, 6		
	Video Output	DVI-D, HDMI, DisplayPort		
NIC	Gigabit Ethernet RJ-45 (1 x 1Gb, 1 x 2.5Gb) 2EA			

Other Specifications

Power	Power Supply	100 ~ 240V AC, 50/60Hz
	Power Consumption	550W 80PLUS Platinum Redundant
Environment	Temperature and Humidity	Operating temperature 5~40°C / Operating humidity 20 ~ 70%
		Form Factor
기구	Dimensions	430(W) x 560(D) x 89(H) mm
	Weight	23.5kg (HDD excluded)