



- 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)

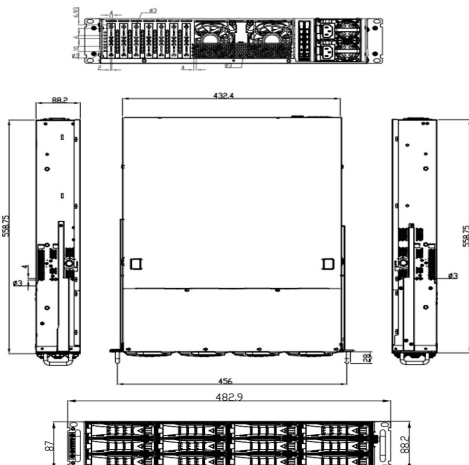
Distinctive Management Capabilities

- 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	16CH	
	Resolution	QCIF ~ 4K	
	Protocol	ONVIF, RTSP, Local / Global Manufacturer Protocol	
Display	Live	Monitor resolution	1280 x 800 or higher
		Live performance	Full-HD @ 480fps
	Split screen	1, 4, 9, 16, asymmetric	
		Video codec	MJPEG, MPEG-4, H.264, H.265

Function / Performance			
Software	Recording	Video codec	MJPEG, MPEG-4, H.264, H.265
		Resolution	QCIF ~ 12MP
		Recording performance	Full-HD @ 480fps
		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	16 split screen
		Playback control	x0.5 to x32 forward/reverse playback, jog shuttle, skip frame/hour units
	Back up	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%
	기구	Form Factor	2U, rack mount
Dimensions		430(W) x 560(D) x 89(H) mm	
Weight		23.5kg (HDD excluded)	