



- High resolution camera support(12MP Camera support)
- H.265+, 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**
- Non-disruptive Service** (N:1 Failover)
- CMS, Android, iPhone 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-wapping support (12MP camera support)

System Configuration



Product Specifications

Display			
Network Camera	Input		100CH
		Resolution	QCIF ~ 4K
		Protocol	ONVIF, RTSP, Local / Global Manufacturer Protocol
Display	Live	Monitor resolution	1280 x 800 or higher
		Live performance	Full-HD @ 480fps or D1 @ 1920fps 또는 CIF @ 3000fps
		Split screen	1, 4, 9, 16, 36, 49, 64, split screen
		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 @ 3000fps	
		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	
	Playback control	x0.5 to x32 forward/reverse playback, jog shuttle, skip frame/hour units		
		File format	EXE, AVI, MP4	
	Back up	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 bitrate)	
	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		

Recommended Specifications

Server Recommendation	CPU	Intel i9 Processors or higher
	RAM	16GB or higher
	OS SSD	30GB or higher
	저장 HDD	Unlimited
	RAID	LSI 9361-8I or higher
	NIC	Gigabit Ethernet RJ-45 (1000 Base-T) 1EA or higher
Power supply		500W 80PLUS Bronze or higher
Client Recommendation	CPU	Intel i7 Processors
	RAM	16GB or higher
	OS HDD	SSD 128GB or higher
	HDD	1TB or higher
	VGA	NVIDIA GeForce RTX RTX 2060 6GB or higher
	NIC	Gigabit Ethernet RJ-45 (1000 Base-T) 1EA or higher
Power supply		500W 80PLUS Bronze or higher