



- **High resolution camera support** (12MP Camera support)
- **Robust Security** (Recorded video encryption & RTP/RTSP encrypted transmission)
- **Various Additional Features** (Intelligent video/sound analysis, external equipment connection, audio broadcasting)
- **H.265, H.264, MPEG-4, JPEG Codec Decoding**
- **4K UHD Dual Monitor Support**
- **Equipped with 1 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)

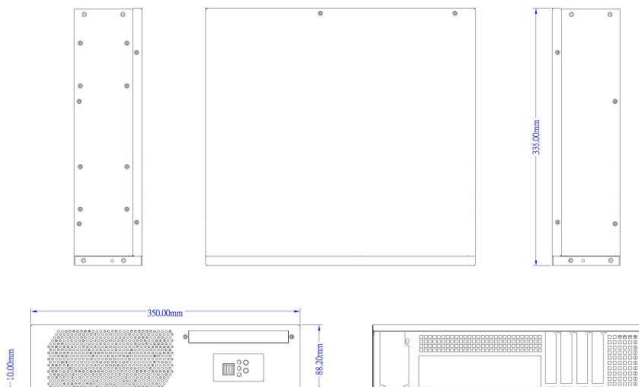
#### Distinctive Management Capabilities

- 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	4CH	
	Resolution	QCIF ~ 4K	
	Protocol	ONVIF, RTSP, Local / Global Manufacturer Protocol	
Display	Live	Monitor resolution	1280 x 800 or higher
		Live performance	Full-HD @ 120fps
	Split screen	1, 4, 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 @ 120fps	
		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		
		Resolution	QCIF ~ 12MP	
	Search / Playback	Search mode	Calendar, time, event list search, bookmark	
		Simultaneous playback	4 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 4 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 Celeron Processors		
	RAM	8GB		
	OS SSD	128GB		
	Storage HDD	Max 1 of 3.5inch HDDs		
	RAID	N/A		
	Video Output	D-SUB, DVI-D, HDMI, DisplayPort		
	NIC	Gigabit Ethernet RJ-45 (1000 Base-T) 1EA		

Other Specifications			
Power	Power Supply	100 ~ 240V AC, 50/60Hz	
	Power Consumption	300W 80PLUS Bronze	
Environment	Temperature and Humidity		Operating temperature 5~40°C / Operating humidity 20 ~ 70%
	기구	Form Factor	2U, rack mount
기구	Dimensions	350(W) x 335(D) x 89(H) mm	
	Weight	5kg (HDD excluded)	