

Server based recording and video management platform

WV-ASR500 Series

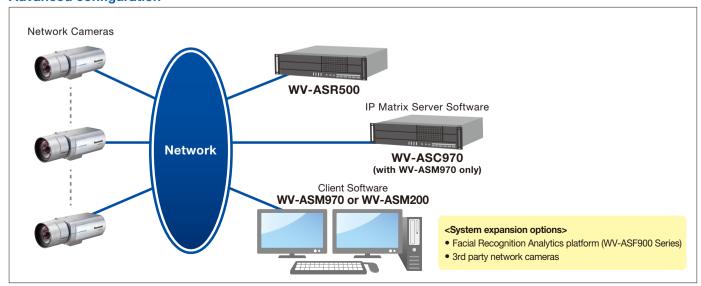


Open platform and high performance Server based recording and video management platform

Key Features

- Open platform, Panasonic's and 51 other vendor's network cameras support.
- Up to 128 network cameras can be connected and recorded.
- Up to 16 clients can monitor image and control WV-ASR500 simultaneously. (Depends on system structure, environment.)
- Various Recording Modes: Schedule, Event (Pre/Post)
- Graphical Timeline Search function (with WV-ASC970 System)
- H.264, MPEG-4 and JPEG multi format
- Cooperative with the Face Matching System (WV-ASF900 Series)
- Supports archiving function to realize long-term recording

Advanced configuration



Specifications

ASR500

1011000				
Compatible vendor	51 Vendors , Onvif compliant models H.264, MPEG-4, M-JPEG			
Supported Image Format				
Supported Image Resolution	Up to 1920×1080, 2048×1536			
Supported Audio Format	N/A			
Maximum Number of Cameras	MAX. 128			
Recording Mode	Schedule including Event (Pre/Post)			
Pre-Event Recording	Up to 120 seconds			
Scheduled Recording Mode	Motion / Free run / Alarm			
Frame Rate/Camera	Up to 30ips (Depending on the Camera)			
Audio	N/A			
•	N/A			
	Supported Image Format Supported Image Resolution Supported Audio Format Maximum Number of Cameras Recording Mode Pre-Event Recording Scheduled Recording Mode Frame Rate/Camera			

Alarm / Event	Alarm Source	VMD, Event Linking	
	Event Mode	Off/On	
Alarm Action		Record Video, Output trigger, Pan/tilt/zoom preset,	
		e-mail notification, Auto export	
	Alarm Control	N/A	
	Event log	N/A	
Network	Network Interface	100Base-TX/1000Base-T (RJ-45)	
	E-mail	Upon Alarm	
External	Serial Connections	System integration	
Interface			
HDD	RAID Configuration	RAID-5	
Server OS		Microsoft® Windows® Server 2012 Standard	

WV-ASM200 for WV-ASR500 Series / WV-ASC970/WV-ASM970 for WV-ASR500 Series

	WV-ASM200 for WV-ASR500 Series		WV-ASC970/WV-ASM970 for WV-ASR500 Series		
UI Function	Camera Control	Pan/Tilt, Zoom, Preset position call and program (up to 256), wheel zoom	Pan/Tilt, Zoom, Preset position call (up to 256), wheel zoom		
	Recorder Control PLAY, Rev PLAY, Pause, Stop, FF (up to ×16), Next image, Prev image, SKIP, Prev SKIP, Sm		REC, PLAY, Rev PLAY, Pause, Stop, FF (up to ×16), REW Goto Last. Goto Date	(up to ×16), Next image, Prev image, Smooth playback,	
	Event Search	Search criteria : Time date, Event type (Schedule, VMD, Event Linking)	Search criteria: Time date, Event type (Schedule, VMD, Ev	ent Linking)	
	Multiscreen Mode	Spot / Quad (A-D) / 9 split / 16 split	Spot / Quad (A-D) / 7 split / 9 split /10 split / 13 split / 16 s		
	Sequence Display	10 programs, 64 steps/pattern, Spot / Quad / 9 split / 16 split	Tour Sequence: 128 programs, 64 steps	,	
		Dwell time: 3s/5s/10s/15s/20s/25s/30s/35s/40s/45s/50s/55s/1min	Group Preset: 128 programs, 64 views / Group Sequence:	128 programs, 64 steps	
	Display Performance	30 ips x 16 screens at MPEG-42 Mbps ⁻¹ , 30 ips x 16 screens at H.264 1.5 Mbps with VGA ⁻¹	30 ips x 16 screens at MPEG-4 2 Mbps ⁻¹ , 30 ips x 16 screens at H.264 1.5 Mbps with VGA ⁻¹		
	Multi-Monitor	Up to 3 monitors (Operation / Live / Map),	2 Monitors (Operation/Monitor)		
		Up to 20 cameras can be displayed (Operation-4, Live-16)			
	Camera Group Display	Up to 400 groups with 16 alphanumeric titles	N/A		
	Number of Maps	Up to 100 maps (JPEG or Bit map), Link: 128 cameras and 20 maps / map	Up to 100 maps (JPEG or Bitmap), Link: 64 cameras/map		
	Image Download	Recorded images of up to 64 cameras can be downloaded.	Recorded images of up to 64 cameras can be downloaded.		
		Manual download only. File format is AVI.	Manual download only. File format is AVI.		
	Clock Display	On the GUI. Time: 12H/24H, Date: 5 formats (When the image comes from the recorder)	On the GUI. Time: 12H/24H, Date: 5 formats		
	Alarm Source	Motion event linking	Communication error, Capacity Warn, Motion, Event Linking		
	Alarm Display Mode	Video switching	Sequence, Hold	×	
	Alarm Control	Reset, Auto reset (OFF / 10s / 20s / 30s / 1min / 5min)	Reset, All reset, Arm, Disarm, Ack, Auto ack		
	Alarm Action	Up to 16 alarm images can be displayed on the live monitor. Corresponding	Camera spot, Tour sequence, Group sequence, Playback		
		camera icon on the map lights up. Alarm message on the GUI and buzzer.			
	Max. Number of Alarm	1,000	2,048		
	Digital Zoom	_	N/A		
	Text Attachment	_	N/A		
	System Log	Operation (100,000), System (1,000), Network error (1,000), Rec order error (1,000), Alarm (30,000)	Operation, Alarm, Switching		
	Recorder Log Download	— (1,000), Alami (30,000)	N/A		
	User Management	Registration: Up to 32 users + Administrator, ID: 4-14 digit,	Registration: Up to 512 users, ID: 5 digit, Password: 5 digit,		
		PW: 4-8 digit, User level: 5 levels (Programmable),	User level: customize		
	Simultaneous Login Users	PW time limit: OFF / 31 / 92 / 184 / 366 days, Auto login: ON / OFF	Up to 64 (depends on network conditions)		
	Partitioning	_	Operator - Controller, Controller - Monitor, Controller - Camera,	Camera - Monitor	
	Security Method	User authentication (ID and Password)	User authentication, Controller authentication (MAC address)		
	System Setup	Setup page in English, French, Italian, Spanish, German, Russian, Chinese, Japanese	Setup page in English. Chinese		
	GUI Language	English, French, Italian, Spanish, German, Russian, Chinese, Japanese	English, Chinese		
Server	Supported OS		<wv-asc970></wv-asc970>	<wv-asm970></wv-asm970>	
Requirement			Red Hat Enterprise Linux 5 server (x86) (English),	_	
			Red Hat Enterprise Linux 6 server (x86) (English)		
	Required PC	_	<wv-asc970></wv-asc970>	<wv-asm970></wv-asm970>	
	ricquired i o		CPU: Intel® Xeon® Processor 5140 (2.33 GHz) or faster,	_	
			RAM: 2 GB or more, Network: 2x 100/Gigabit or more,		
			HDD: 80 GB or more free drive space, CD-ROM, Port: 1x RS-232C		
General	Supported OS	Microsoft® Windows Vista® Business SP2 32bit/64bit.	<wv-asc970></wv-asc970>	<wv-asm970></wv-asm970>	
		Microsoft® Windows® 7 Professional SP1 32bit/64bit.	_	Microsoft® Windows® 8 Professional SP1 (32-bit) (English and Chinese Version)	
		Microsoft® Windows® 8 Professional SP1 32bit/64bit		Microsoft® Windows® 8 Professional SP1 (64-bit)*2 (English and Chinese Versio	
		The language of the OS must be same as selected GUI language.		Microsoft® Windows® 7 Professional SP1 (32-bit) (English and Chinese Version)	
		99-		Microsoft® Windows® 7 Professional SP1 (64-bit)*2 (English and Chinese Versio	
				Microsoft® Windows Vista® Business SP2 (32-bit) (English and Chinese Version)	
				Microsoft® Windows Vista® Business SP2 (64-bit) (English and Chinese Version)	
	Required PC	CPU: Intel® Core™ i5-2400, 2500	<wv-asc970></wv-asc970>	<wv-asm970></wv-asm970>	
	14=	Intel® Corev i7-860 or faster	_	CPU: Intel® Core™ 2 Duo 2.66 GHz or faster / Intel® Core™ 2	
		When adding the license for WV-ASE202 and displaying images		Quad Q9650 or faster / Intel® Core™ i7-920 or faster,	
		on a 65-screen: Intel® Core™ i7-2600		Memory: 2 GB or more / 3 GB or more (When operating H.264 images	
		RAM: 3 GB or more		VRAM: 128 MB or more, compatible with DirectX® 9.0c	
		When using more than one live window: 4GB		The state of the s	
		VRAM: 512MB or more (256 MB min.), Microsoft DirectX 9.0c or later			
		Web browser: Windows Internet Explore 7.0 or later			
		(depends on connected device)			
		ossional (OS) and Intel® CoroTM i7-920 (CPLI) *2 Operation	l .	<u> </u>	

^{*1} In case with Microsoft® Windows® 7 Professional (OS) and Intel® Core™ i7-920 (CPU) *2 Operation in WOW64 (32-bit mode)

Products Lineup

Channel License

	Product Name	Model No.
Recording Software	1ch	WV-ASRE501
(Channel License)	16ch	WV-ASRE516
per server	32ch	WV-ASRE532
	64ch	WV-ASRE564

Open Source Software:

 This product uses open software subject to the licenses of Free Software Foundation such as GPL, LGPL and others. For details, refer to the WV-ASR500 Series Operating Instructions (PDF) in the following URL. http://security.panasonic.com/pss/security/library/products.html

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- Safety Precaution: Carefully read the operating instructions and installation manual before using this product.
 Panasonic cannot be responsible for the performance of the network and/or other manufacturers' products used on the network.
- All TV pictures are simulated.
- Specifications are subject to change without notice.

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