www.nadatel.com

Nadatel's Product Guide

NADATEL

Video Surveillance and Security System

Welcome to Nadatel's product guide

This has been made to guide our range of digital video recorders.
For other products and comprehensive specifications
or information, please visit our website www.nadatel.com
or contact our office.

Products

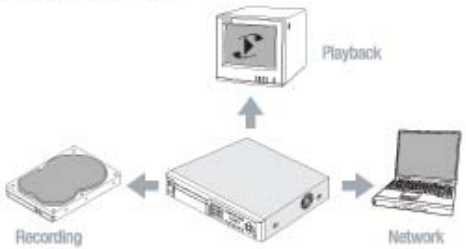
Features

MPEG-4 Compression.

Unbeatable recording picture quality and compression ratio that can save HDD consumption. Best for network performance with 5~10 times smaller than MJPEG.

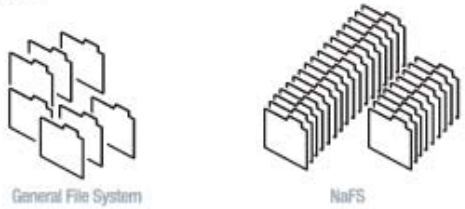
TRIPLEX Operation.

TRIPLEX operation enabling simultaneous recording, playback and transmission via network.



Reliable File System.

NaFS - Designed to prevent data loss or corruption in the event of a power failure.



Individual Channel Operation.

Individual channel configuration such as recording frame rate, quality, motion detection, DI/DO, recording schedule per channel.

Recording

Easy and Simple Interface.

Simple and easy operation based on instinctive User interface.

Record Mode Search Mode Keypad Mode

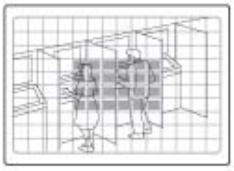
Easy Scheduler.

Easy to schedule complicated weekly recording plans.

Scheduler

Motion Detection.

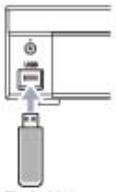
User can define motion detection zones for each camera with grids and its sensitivity per channel.



Motion Detection Zone

Easy software Upgrade.

Easy software upgrade via USB Flash drive.



USB Flash drive

Instant and convenience backup function.

Still-image and Video data exporting via USB Flash drive, Built-in CD-RW (Not global), or Network.

Exclusive File Format Backup.

Export an exclusive format video which can be played via an exclusive player.

AVI Backup.

Export AVI file which can be played via Microsoft Media Player in any PC with MPEG-4 decoder installed.

Various ways of Network access.

Various network accesses are available via Network client application software, Web-viewer, Multi-site monitoring software, and Central management software.

Free Dynamic DNS.

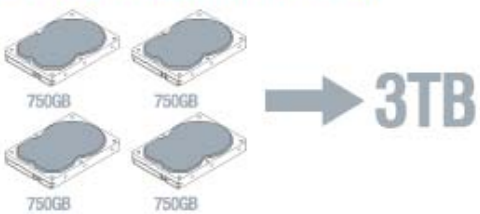
Free Dynamic DNS on http://ns.standalone4ch.com provides easy and one-step registration.

Built-in Pan/Tilt/Zoom/Focus camera protocols over 30 models. (Not global)

Automatic Video Input and Video loss detection.

Covert camera operation provides enhanced security.

Max. 750GB Hard Drive - 3TB(750GB HDD X 4EA) for long-term recording. (Not global)

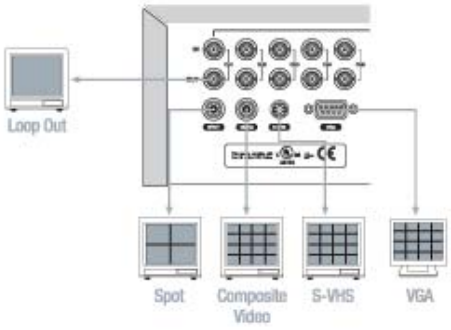


Multi-Languages Operation menu.

Over 15 languages are available.

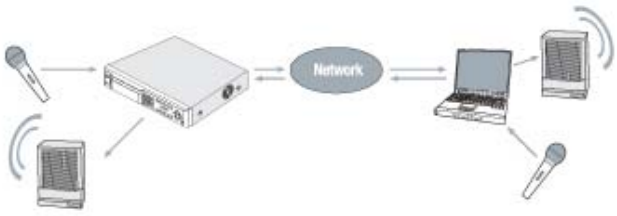
Various Video Output.

Composite Video, VGA, S-VHS (Not global), Spot (Not global), Loop out (Not global)



4channels audio recording. (Not global)

Bi-directional audio. (Not global)



Fully ready for Network Software Development Kit (SDK).

To change the GUI skin of Network software

To attach Network protocol to customer's existing CMS

Entry Series

Entry Series are the most cost effective MPEG-4 digital video recorders along with stability and simplicity. These systems are designed to provide users with the cost oriented products with the same basic functions and advantage of MPEG-4 compression digital video recorders.

MPEG-4 Compression.

Unbeatable recording picture quality and compression ratio that can save HDD consumption. Best for network performance with 5~10 times smaller than MJPEG.

TRIPLEX Operation.

TRIPLEX operation enabling simultaneous recording, playback and transmission via network.

Reliable File System.

NaFS - Designed to prevent data loss or corruption in the event of a power failure.

Individual Channel Operation.

Individual channel configuration such as recording frame rate, quality, motion detection, DI/DO, recording schedule per channel.

Easy and Simple Interface.

Simple and easy operation based on instinctive user interface.

Easy Scheduler.

Easy to schedule complicated weekly recording plans.

Motion Detection.

User can define motion detection zones for each camera with grids and its sensitivity per channel.

Easy software Upgrade.

Easy software upgrade via USB Flash drive.

Instant and convenience backup function.

Still-image and Video data exporting via USB Flash drive, or Network.

Exclusive File Format Backup.

Export an exclusive format video which can be played via an exclusive player.

AVI Backup.

Export AVI file which can be played via Microsoft Media Player in any PC with MPEG-4 decoder installed.

Various ways of Network access.

Various network accesses are available via Network client application software, Web-viewer, Multi-site monitoring software, and Central management software.

Free Dynamic DNS.

Free Dynamic DNS on http://ns.standalone4ch.com provides easy and one-step registration.

Automatic Video Input and Video loss detection.

Covert camera operation provides enhanced security.

Max. 750GB Hard Drive X 1EA.

Fully ready for Network Software Development Kit. (SDK)

Available Models

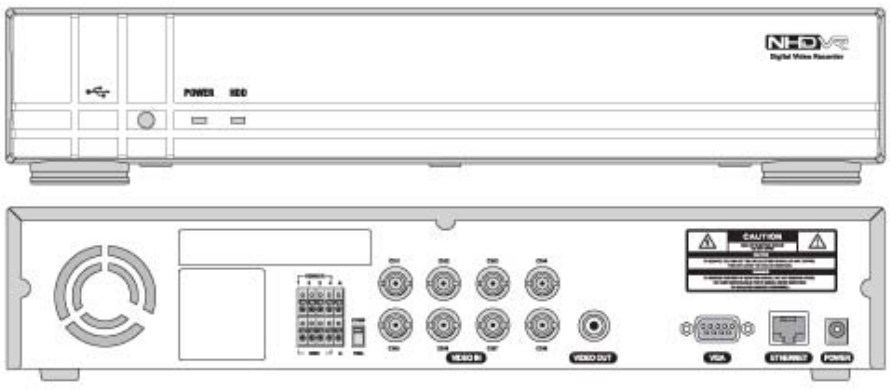
MODEL	Recording speed (Maximum)					
	NTSC			PAL		
	D1	Half-D1	CIF	D1	Half-D1	CIF
SDVR-4300: 4 Channels	30fps	-	120fps	25fps	-	100fps
SDVR-8300: 8 Channels	30fps	60fps	120fps	25fps	50fps	100fps

Specifications

ITEM			SDVR-4300	SDVR-8300
Video	Input	Channel, Input Level	4CH, Composite 1.0Vp-p, 75 Ohm	8CH, Composite 1.0Vp-p, 75 Ohm
		Signal Format	NTSC/PAL (Auto detection)	
		Video Loss Check	Yes	
	Output	Main Monitor Output	1CH BNC, 1CH VGA: Selectable	
		Output Level	Composite 1.0Vp-p +_0.2, 75 Ohm	
		Signal Format	NTSC/PAL & VGA	
Alarm	Sensor Input		4 (NC/NO Selectable)	
	Alarm Output		1	
Recording	Compression		MPEG-4	
	Multi-operation		TRIPLEX (Playback/Record/Network)	
	Frame Rate	Full-D1	704 X 480(NTSC) / 704 X 576(PAL)	
		Half-D1	-	704 X 240(NTSC) / 704 X 288(PAL)
		CIF	352 X 240(NTSC) / 352 X 288(PAL)	
	Recording quality grade		LOW/STANDARD/HIGH/SUPER/ULTRA	
	Recording Mode		Continuous / Schedule / Motion / Sensor / Manual	
	Motion Detection		Motion detection setup by Grid	
	Pre & Post Recording		Yes	
Display	Frame Rate (/Sec)		NTSC: 30fps / PAL: 25fps	
Playback	Multi-Decoding		1, 4 split screen	1, 4, 8 split screen
	Playback Speed	Fast Forward / Reverse	2, x4, x8	
	Search Mode		Event, Archive, Log, Time Line	
Storage	Internal HDD	Interface Type	EIDE/ATA133	
		Max. Capacity of 1 HDD	750GB	
		Max. HDD Number	1	
	File system		NaFS - Designed to prevent data loss or corruption in the event of a power failure	
	Backup	USB Flash drive	JPEG & AVI / Exclusive Video Format	
		Network	Video & Still Image	
User I/F	Menu Display		Text UI	
	Input Method		Remote controller	
Network	Dynamic IP support		Yes	
	Network Interface		10/100 base-T Ethernet (RJ-45)	
	Functions		Live, Search, Backup, PTZ Camera Control	
	Network Access Type		Network Client Software, Web Viewer, and Multi-site monitoring software.	
Additional Functions	DLS (Day Light Saving)		Yes	
	S/W Upgrade		USB Flash drive	
General	Power Source		DC +12V adapter	
	Unit Weight (Gross weight)		1.5Kgs (3Kgs) / 3.3Lbs (6.6Lbs)	
	Unit Dimension (W x H x D)		340 X 262 X 63mm / 13.4 X 10.3 X 2.5inches	

* Specifications are subject to change without notice.

System Configuration of SDVR-8300



Standard Series

Standard Series are the standard line-up of MPEG-4 digital video recorders. These systems are designed to provide users with the high-end level functions of MPEG-4 compression digital video recorder and reliable value.

MPEG-4 Compression.

Unbeatable recording picture quality and compression ratio that can save HDD consumption. Best for network performance with 5~10 times smaller than MJPEG.

TRIPLEX Operation.

TRIPLEX operation enabling simultaneous recording, playback and transmission via network.

Reliable File System.

NaFS - Designed to prevent data loss or corruption in the event of a power failure.

Individual Channel Operation.

Individual channel configuration such as recording frame rate, quality, motion detection, DI/DO, recording schedule per channel.

Easy and Simple Interface.

Simple and easy operation based on instinctive user interface.

Easy Scheduler.

Easy to schedule complicated weekly recording plans.

Motion Detection.

User can define motion detection zones for each camera with grids and its sensitivity per channel.

Easy software Upgrade.

Easy software upgrade via USB Flash drive.

Instant and convenience backup function.

Still-image and Video data exporting via USB Flash drive, or Network.

Exclusive File Format Backup.

Export an exclusive Format video which can be played via an exclusive player.

AVI Backup.

Export AVI file which can be played via Microsoft Media Player in any PC with MPEG-4 Decoder installed.

Various ways of Network access.

Various network accesses are available via Network client application software, Web-viewer, Multi-site monitoring software, and Central management software.

Free Dynamic DNS.

Free Dynamic DNS on http://ns.standalone4ch.com provides easy and one-step registration.

Built-in Pan/Tilt/Zoom/Focus camera protocols over 30 models.

Automatic Video Input and Video loss detection.

Covert camera operation provides enhanced security.

Max. 750GB Hard Drive - 3TB(750GB HDD X 4EA) for long-term recording.

Multi-Languages Operation menu.

Over 15 languages are available.

Various Video Output.

Composite, VGA, S-VHS, Spot, Loop out

4 channels audio recording.

Bi-directional audio.

Fully ready for Network Software Development Kit. (SDK)

Available Models

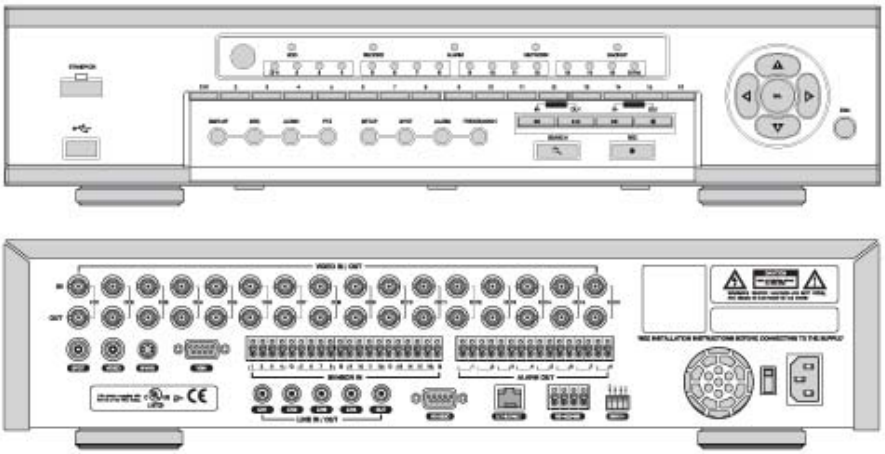
MODEL	Recording speed (Maximum)					
	NTSC			PAL		
	D1	Half-D1	CIF	D1	Half-D1	CIF
SDVR-4500: 4 Channels	30fps	-	120fps	25fps	-	100fps
SDVR-9000: 9 Channels	30fps	60fps	120fps	25fps	50fps	100fps
SDVR-16000: 16 Channels	30fps	60fps	120fps	25fps	50fps	100fps

Specifications

ITEM			4CH	9CH	16CH
Video	Input	Composite	4CH, 1.0Vp-p, 750hm	9CH, 1.0Vp-p, 750hm	16CH, 1.0Vp-p, 750hm
		Signal Format	NTSC/PAL		
		Video Loss	Yes		
	Ouput	Main Monitor	1CH BNC, 1CH VGA: Selectable	1CH BNC, 1CH VGA: Selectable / 1CH S-VIDEO	
		Output Level	Composite 1.0Vp-p+_0.2,75 Ohm		
		Signal Format	NTSC/PAL & VGA		
		Etc Output	-	9/16CH Loop-out, 1CH Spot	
Audio	Input & Output		4CH Line Input & 1CH Line Output		
	Audio Codec		G.711		
Alarm	Sensor Input		4	9	16
	Alarm Output		1	4	4
Recording	Compression		MPEG-4		
	Frame Rate	Full-D1	704 X 480(NTSC) / 704 X 576(PAL)		
		Half-D1	-	704 X 240(NTSC) / 704 X 288(PAL)	
		CIF	352 X 240(NTSC) / 352 X 288(PAL)		
	Recording Mode		Continuous / Schedule / Motion / Sensor / Manual		
	Motion Detection		Motion Detection Setup by Grid		
	Pre & Post Recording		Yes		
Display	Frame Rate		NTSC: 30fps / PAL: 25fps		
Playback	Multi-Decoding		1 & 4 split screen	1, 4, & 9 split screen	1, 4, 9 & 16 split screen
	Search Mode		Event, Time line, Archive, Log		
Storage	Internal HDD	Interface Type	EIDE / ATA 133		
		Max. Capacity of 1 HDD	750GB	750GB	750GB
		Max. HDD Number	1	4	4
		File System	NaFS - Designed to prevent data loss or corruption in the event of a power failure		
	Backup	USB Flash drive	JPEG & AVI / Exclusive Video Format		
		Network	Video & Still Image		
Serial Port	Console		1 RS-232C(9pin D-SUB Connector)		
	Camera Control		1 RS-485/422(4 Terminal Block)		
Network	Dynamic IP & DDNS		Yes		
	Network Interface		10/100 base-T Ethernet (RJ-45)		
Additional Functions	DLS (Day Light Saving)		Yes		
	S/W Upgrade		USB Flash drive		
General	Power Source		DC +12V adapter	AC 100~127V / 200~240V, 50-60Hz	
	Unit Weight (Gross weight)		3.2Kgs (4.1Kgs) / 6.8LbsLbs (9.2Lbs)	6Kgs (9.5Kgs) / 13.2Lbs (20.9Lbs)	
	Unit Dimension (W x H x D)		432 X 358 X 98mm / 17 X 14.1 X 3.9inches		

* Specifications are subject to change without notice.

System Configuration of SDVR-16000



Built-in CD(DVD) RW Series

Built-in CD(DVD) RW Series are the standard line-up of MPEG-4 digital video recorders along with built-in CD-RW. These systems are designed to provide users with the high-end level functions of MPEG-4 compression digital video recorder and reliable value.

MPEG-4 Compression.

Unbeatable recording picture quality and compression ratio that can save HDD consumption. Best for network performance with 5~10 times smaller than MJPEG.

TRIPLEX Operation.

TRIPLEX operation enabling simultaneous recording, playback and transmission via network.

Reliable File System.

NaFS - Designed to prevent data loss or corruption in the event of a power failure.

Individual Channel Operation.

Individual channel configuration such as recording frame rate, quality, motion detection, DI/DO, recording schedule per channel.

Easy and Simple Interface.

Simple and easy operation based on instinctive graphic user interface.

Easy Scheduler.

Easy to schedule complicated weekly recording plans.

Motion Detection.

User can define motion detection zones for each camera with grids and its sensitivity per channel.

Easy software Upgrade.

Easy software upgrade via USB Flash drive.

Instant and convenience backup function.

Still-image and Video data exporting via USB Flash drive, Built-in CD-RW, or Network.

Exclusive File Format Backup.

Export an exclusive format video which can be played via an exclusive player.

AVI Backup.

Export AVI file which can be played via Microsoft Media Player in any PC with MPEG-4 Decoder installed.

Various ways of Network access.

Various network accesses are available via Network client application software, Web-viewer, Multi-site monitoring software, and Central management software.

Free Dynamic DNS.

Free Dynamic DNS on http://ns.standalone4ch.com provides easy and one-step registration.

Built-in Pan/Tilt/Zoom/Focus camera protocols over 30 models.

Automatic Video Input and Video loss detection.

Covert camera operation provides enhanced security.

Max. 750GB Hard Drive - 3TB(750GB HDD X 4EA) for long-term recording.

Multi-Languages Operation menu.

Over 15 languages are available.

Various Video Output.

Composite, De-interace VGA, S-VHS, Spot, Loop out

4 channels audio recording.

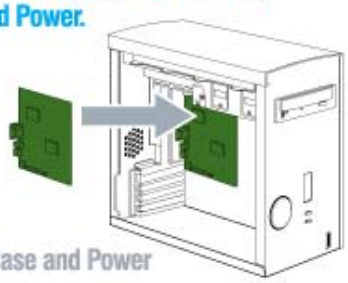
Bi-directional audio.

Fully ready for Network Software Development Kit. (SDK)

ATX Type Main Board Series

ATX Type Main Board Series are designed and developed to provide you with your own Standalone DVR OEM products by using the simplest way.

ATX Form Factor Type, Compatible with ATX Case and Power.



ATX Case and Power

Intuitive Mouse Operation.

MPEG-4 Video Compression.

Unbeatable recording picture quality and compression ratio that can save HDD consumption. Best for network performance with 5~10 times smaller than MJPEG.

TRIPLEX Operation.

TRIPLEX operation enabling simultaneous recording, playback and transmission via network.

Reliable File System.

NaFS - Designed to prevent data loss or corruption in the event of a power failure.

Individual Channel Operation.

Individual channel configuration such as recording frame rate, quality, motion detection, DI/DO, recording schedule per channel.

PTZ Control Through RS-485.

Easy and Simple Interface.

Simple and easy operation based on instinctive User interface.

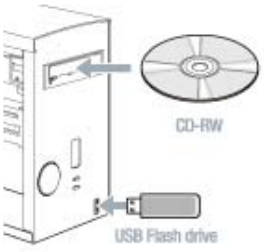
4CH Audio Recording(Option)

Easy Software Upgrade.

Easy software upgrade via USB Flash drive.

Backup to USB Flash drive or CDRW.

Still-image and Video data exporting via USB Flash drive, Built-in CD-RW, or Network.



Various ways of Network access.

Various network accesses are available via Network client application software, Web-viewer, Multi-site monitoring software, and Central management software.

Free Dynamic DNS.

Free Dynamic DNS on http://ns.standalone4ch.com provides easy and one-step registration.

Various Video Output.

Composite, De-interace VGA, S-VHS, Spot, Loop out

Available Models

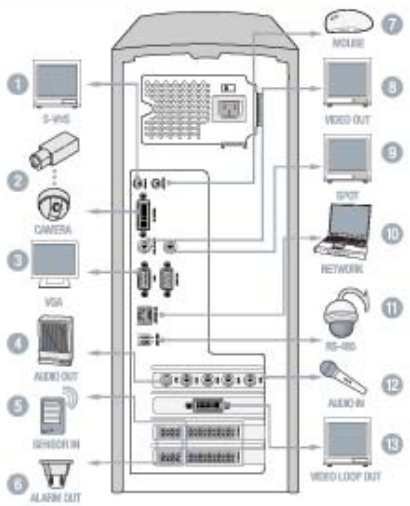
MODEL	Recording speed (Maximum)					
	NTSC			PAL		
	D1	Half-D1	CIF	D1	Half-D1	CIF
SDVR-4500A: 4 Channels	30fps	-	120fps	25fps	-	100fps
SDVR-9000A: 9 Channels	30fps	60fps	120fps	25fps	50fps	100fps
SDVR-9200A: 9 Channels	60fps	120fps	240fps	50fps	100fps	200fps
SDVR-16000A: 16 Channels	30fps	60fps	120fps	25fps	50fps	100fps
SDVR-16200A: 16 Channels	60fps	120fps	240fps	50fps	100fps	200fps

Specifications

ITEM			4CH	9CH	16CH
Video	Input	Composite	4CH, 1.0Vp-p, 750hm	9CH, 1.0Vp-p, 750hm	16CH, 1.0Vp-p, 750hm
		Signal Format	NTSC/PAL		
		Video Loss	Yes		
	Ouput	Main Monitor	1CH VGA & 1CH BNC (Simultaneously VGA & BNC Output), 1CH S-VIDEO		
		Output Level	Composite 1.0Vp-p+_0.2,75 Ohm		
		Signal Format	NTSC/PAL & VGA		
		Etc Output	4CH Loop-out (Option)	9CH Loop-out (Option), 1CH Spot	16CH Loop-out (Option), 1CH Spot
Audio	Input & Output (Option)		4CH Line Input & 1CH Line Output		
	Audio Codec		G.711		
Alarm	Sensor Input / Alarm Output (Option)		4 / 1	8 / 2	16 / 4
Recording	Frame Rate	Full-D1	704 X 480(NTSC) / 704 X 576(PAL)		
		Half-D1	-	704 X 240(NTSC) / 704 X 288(PAL)	
		CIF	352 X 240(NTSC) / 352 X 288(PAL)		
	Recording Mode		Continuous / Schedule / Motion / Sensor / Manual		
	Motion Detection		Motion Detection Setup by Grid		
	Pre & Post Recording		Yes		
Display	Frame Rate		NTSC: 30fps / PAL: 25fps		
Playback	Multi-Decoding		1 & 4 split screen	1, 4, & 9 split screen	1, 4, 9 & 16 split screen
	Search Mode		Event, Time line, Archive, Log		
Storage	Internal HDD	Interface Type	EIDE / ATA 133		
		Max. Capacity of 1 HDD	750GB	750GB	750GB
		Max. HDD Number	1	4	4
		File System	NaFS - Designed to prevent data loss or corruption in the event of a power failure		
	Backup	USB Flash drive	JPEG & AVI / Exclusive Video Format		
		CDRW	JPEG & AVI / Exclusive Video Format		
		Network	Video & Still Image		
Serial Port	Console		1 RS-232C(9pin D-SUB Connector)		
	Camera Control		1 RS-485/422(4 Terminal Block)		
Network	Dynamic IP & DDNS		Yes		
	Network Interface		10/100 base-T Ethernet (RJ-45)		
Additional Functions	DLS (Day Light Saving)		Yes		
	S/W Upgrade		USB Flash drive		
General	Power Source		ATX PC Power (24-pin connector)		
	Dimension (W x H x D)		180 X 170 (mini ITX+)	170 X 243 (mini ITX+)	
Control Unit	Mouse		PS/2		

* Specifications are subject to change without notice.

System Configuration



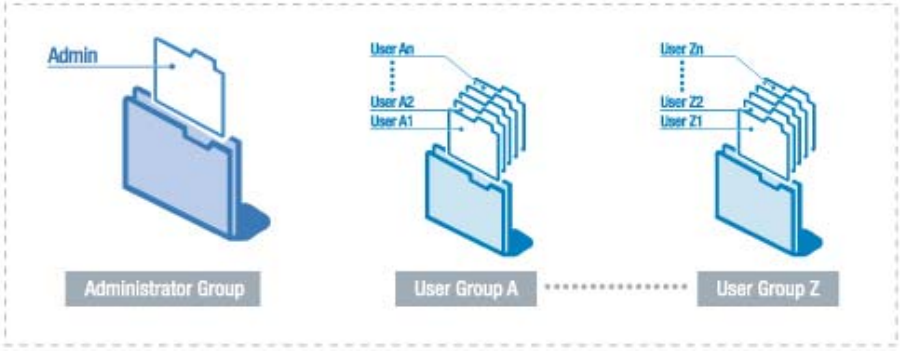
1. Video output terminal(S-VHS)
2. Video input terminal(VIDEO IN 1CH~16CH)
3. VGA(Video graphics array) output terminal
4. Audio output terminal
5. External sensor input terminal
6. External alarm output terminal
7. Mouse terminal
8. Monitor output terminal(VIDEO)
9. Spot output terminal
10. Network port
11. RS-485 terminal
12. Audio Input terminal
13. Video output terminal(VIDEO LOOP OUT)

Central Management Software (CMS)

Central Management Software (CMS) is a central monitoring and managing system solution to monitor multiple sites with video, audio, and alarm over networks.

Different User Groups and IDs of Different Levels.

❶ Supports unlimited numbers of user groups with different access rights.



Full-featured Video Management Software.

❶ Various screens for various information such as video, thumbnail image, alarm and event log, and interactive MAP.

❷ Multiple Monitors: Maximum 7 monitors. (3 or 4 monitors are recommended for efficient operation.)

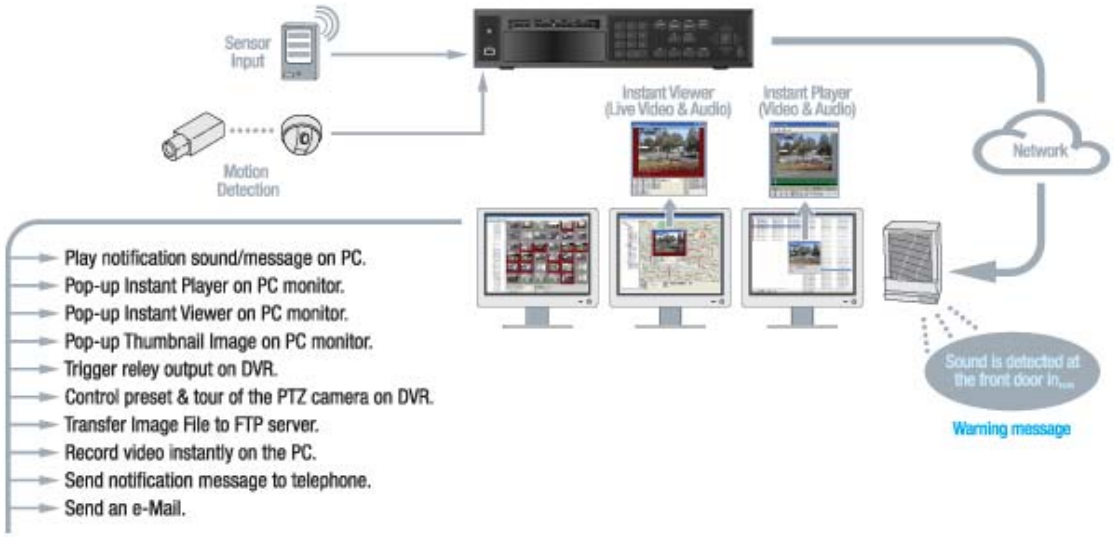
❸ Docking station featured Main Window.

❹ Easy to playback, backup data, and convert data format.

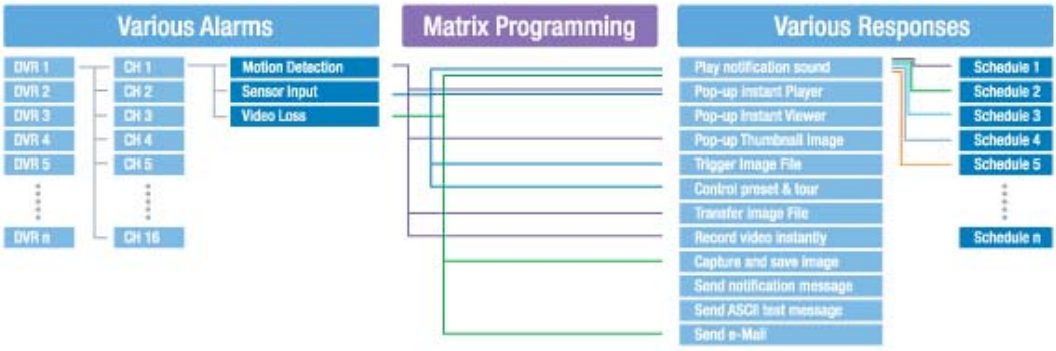
❺ Pop-up Video Window Tools provides easy way to monitor remote situation.

❻ Remote control of PTZ camera and Relay output over Network.

Efficient Alarm Management with Video Verification.



❶ Sorting Event Signals and Scheduling Alarms with automated and various responses.



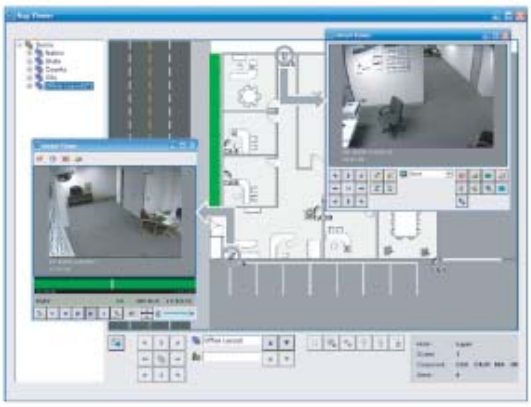
❷ Interfacing with Existing Alarm System or Access Control System.

❸ Verification, Action, and Confirmation of Alarms through a Screen.

Interactive MAP.

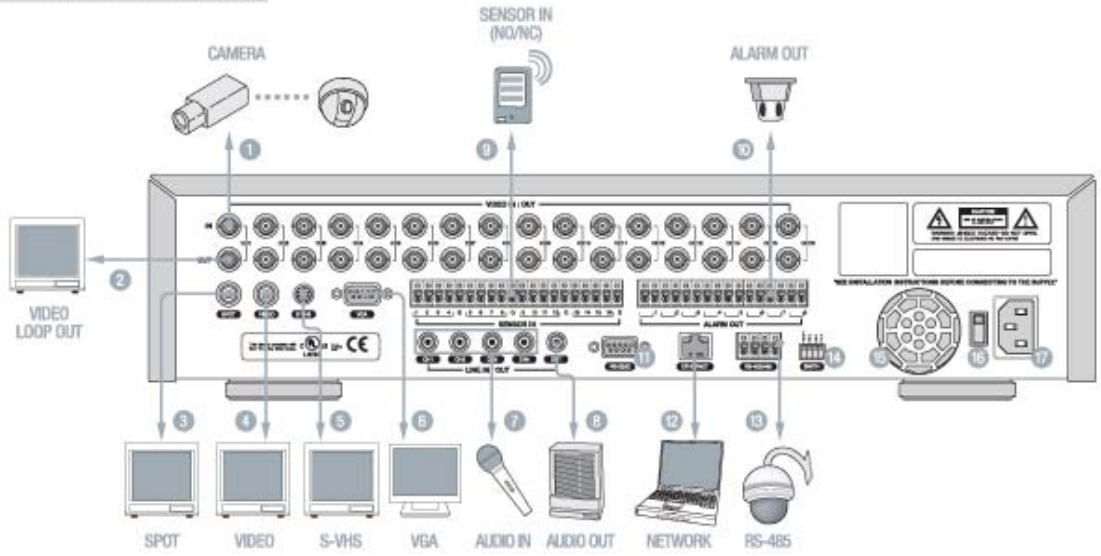
❶ Tracks Alarm on Interactive Maps.

❷ Plays Video on the Map.



System Configuration

Model. SDVR-16XXXC



System Function

1. Video input terminal(VIDEO IN CH1~16CH)
2. Video output terminal(VIDEO LOOP OUT CH1~16CH)
3. Video output terminal(Spot)
4. Monitor output terminal(VIDEO)
5. Video output terminal(S-VHS)
6. VGA(Video graphics array) output terminal
7. Audio input terminal(AUDIO IN:CH1~CH4)
8. Audio output terminal(AUDIO OUT:1OUT)
9. External sensor terminal(SENSOR IN: CH1~CH16)
10. External alarm terminal(ALARM OUT: CH1~CH8)
11. RS-232C terminal for maintenance purposes
12. Network port(ETHERNET)
13. RS-485 terminal(RS-485)
14. System changeover switch(SWITCH)

    TERMINATE:RS-485 termination switch
    RSV(Reserved):For maintenance purposes
    VGA:Monitor selection switch
    PAL:Video mode(PAL/NTSC) switch
15. Power cooling fan
16. Power voltage switch(115V/230V)

    Switch according to the voltage used in the region where this unit is installed
17. Power socket

Recording Capacities

4channels NTSC mode video inputs

HDD Size	Recording Speed per channel	Storage(Day) D1 (704 x 480)			Recording Speed per channel	Storage(Day) CIF (352 x 240)		
		Super	High	Standard		Super	High	Standard
120GB	1 fps	4.63 days	13.89 days	18.52 days	1 fps	8.68 days	26.04 days	34.72 days
	3 fps	3.82 days	11.46 days	15.28 days	10 fps	5.30 days	15.90 days	21.20 days
	5 fps	3.31 days	9.93 days	13.24 days	20 fps	3.70 days	11.10 days	14.80 days
	7 fps	2.96 days	8.87 days	11.83 days	30 fps	2.84 days	8.53 days	11.37 days
160GB	1 fps	6.17 days	18.52 days	24.69 days	1 fps	11.57 days	34.72 days	46.30 days
	3 fps	5.09 days	15.28 days	20.37 days	10 fps	7.07 days	21.20 days	28.27 days
	5 fps	4.41 days	13.24 days	17.65 days	20 fps	4.93 days	14.80 days	19.74 days
	7 fps	3.94 days	11.83 days	15.78 days	30 fps	3.79 days	11.37 days	15.16 days
250GB	1 fps	9.65 days	28.94 days	38.58 days	1 fps	18.08 days	54.25 days	72.34 days
	3 fps	7.96 days	23.88 days	31.84 days	10 fps	11.04 days	33.13 days	44.18 days
	5 fps	6.90 days	20.69 days	27.58 days	20 fps	7.71 days	23.13 days	30.84 days
	7 fps	6.16 days	18.49 days	24.65 days	30 fps	5.92 days	17.76 days	23.69 days
500GB	1 fps	19.30 days	57.88 days	77.16 days	1 fps	36.16 days	108.50 days	144.68 days
	3 fps	15.92 days	47.76 days	63.68 days	10 fps	22.08 days	66.26 days	88.36 days
	5 fps	13.80 days	41.38 days	55.16 days	20 fps	15.42 days	46.28 days	61.68 days
	7 fps	12.32 days	36.98 days	49.30 days	30 fps	11.84 days	35.52 days	47.38 days

4channels PAL mode video inputs

HDD Size	Recording Speed per channel	Storage(Day) D1 (704 x 576)			Recording Speed per channel	Storage(Day) CIF (352 x 288)		
		Super	High	Standard		Super	High	Standard
120GB	1 fps	4.63 days	13.89 days	18.52 days	1 fps	8.68 days	26.04 days	34.72 days
	3 fps	3.82 days	11.46 days	15.28 days	13 fps	4.69 days	14.08 days	18.77 days
	4 fps	3.54 days	10.62 days	14.16 days	17 fps	4.07 days	12.21 days	16.28 days
	6 fps	3.12 days	9.36 days	12.48 days	25 fps	3.22 days	9.65 days	12.86 days
160GB	1 fps	6.17 days	18.52 days	24.69 days	1 fps	11.57 days	34.72 days	46.30 days
	3 fps	5.09 days	15.28 days	20.37 days	13 fps	6.26 days	18.77 days	25.03 days
	4 fps	4.72 days	14.16 days	18.87 days	17 fps	5.43 days	16.28 days	21.70 days
	6 fps	4.16 days	12.48 days	16.64 days	25 fps	4.29 days	12.86 days	17.15 days
250GB	1 fps	9.65 days	28.94 days	38.58 days	1 fps	18.08 days	54.25 days	72.34 days
	3 fps	7.96 days	23.88 days	31.84 days	13 fps	9.78 days	29.33 days	39.10 days
	4 fps	7.37 days	22.12 days	29.49 days	17 fps	8.48 days	25.43 days	33.91 days
	6 fps	6.5 days	19.49 days	25.99 days	25 fps	6.7 days	20.09 days	26.79 days
500GB	1 fps	51.98 days	57.88 days	77.16 days	1 fps	36.16 days	108.50 days	144.68 days
	3 fps	15.92 days	47.76 days	63.98 days	13 fps	19.56 days	58.66 days	78.20 days
	4 fps	14.74 days	44.24 days	58.98 days	17 fps	19.96 days	50.86 days	67.82 days
	6 fps	13.00 days	38.98 days	51.98 days	25 fps	13.40 days	40.18 days	53.58 days

The indicated values are for reference only.
The more noise and more motion detection on the video input, the more storage capacity may need.
The less noise and less motion detection on the video input, the less storage capacity may need.

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NADATEL., Co. Ltd.

Head Office
#601, Woolim e-BIZ Center II, 184-1 Guro-dong,
Guro-gu, Seoul, 152-020 Republic of Korea
Tel:+82-2-890-3200 Fax:+82-2-890-8626

Factory
4nd Floor, 248, Nae-dong, Ojeong-gu, Bucheon-si,
Gyeonggi-do, 421-807 Republic of Korea
Tel:+82-32-672-3941 Fax:+82-32-672-3955

Website
http://www.nadatel.com