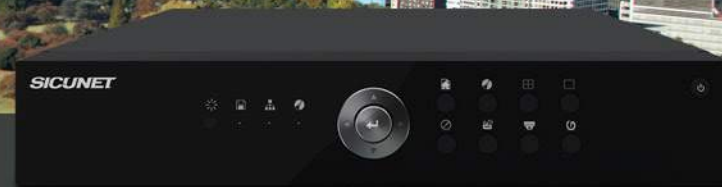


Digital Video Recorder

SHR™



Smart

Digital Video Recorder

SHR Series

Product Range:
Unrivalled Quality of DVR Series
- SHR-7000 Series (960H DVR)
- SHR-8000 Series (HD-SDI DVR)

SICUNET



Digital video recorders



SHR-7004/7008/7016
SHR-8004/8008/8016

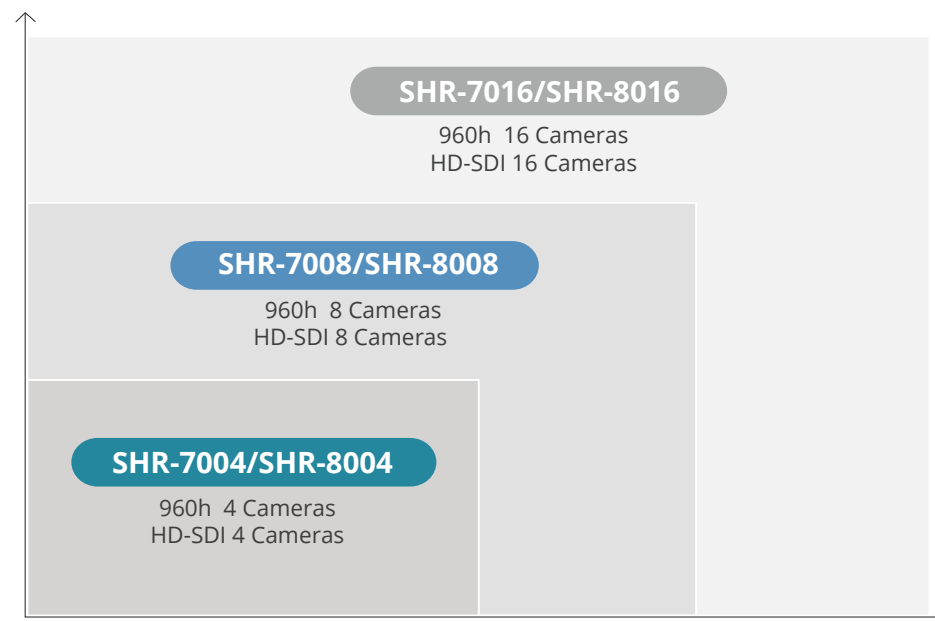
Real 960h Resolution and Full Frame Recording
in SHR-7004/7008/7016

1080p Full HD Resolution
in SHR-8004/8008/8016

SHR Series embedded linux DVRs are powerful, and reliable. Their simple architecture ensures ease of control.

The SHR Series combines advanced performance with easy operation and great value. It offers a whole new class of digital video recorders for CCTV applications. The intuitive graphic user interface and mouse navigation make the SHR series easy to program and easy to use. The SHR Series is also network ready and comes complete with remote video management software and Sicunet DDNS support. The design of SHR Series is optimized to give you best cost and performance value. IR controller is also available if you prefer it to mouse.

Choose the Sicunet DVRs that are right for you





Digital video recorders

Best Quality of Advanced True H.264 compression solution

Support the best quality of video image which is requiring storage capacity of lower than 30%, compared with that of MPEG4 Compression.



Proven Stability & Reliability based on Embedded Linux O/S

Sicunet DVR System based on Linux O/S is designed to provide robust system stability And reliability by adopting the optimized data file system.



By virtue of optimized hardware design, enable user to manage the circumstance of stable system operation (FAT32/SATA)

- support automatic recovery function of the differentiated Proprietary DB.
- provide the decentralized processing technology for the efficient data compression and recording.
- Serial ATA Technology makes the faster recording & the optimized system stability for super crystal video image.





Digital video recorders

PENTAPLEX PROCESSING PERFORMANCE

Pentaplex function with simultaneously operation for Live, Recording, Playback, Backup & Remote Access based on system stability.

User can operate very flexible operation & monitoring with multiple functionality.

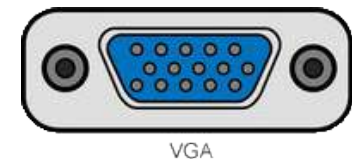


Various Video Output

Sicunet DVR supports various video outputs such as VGA and HDMI.

It enables you to meet your monitor requirement.

- HDMI and VGA Monitor output at up to 1920×1080P resolution



VGA



DDNS (Dynamic Domain Name System) Service supported

Memorable Hostname Free DDNS(vmddns.com)

We provide free and secure dynamic DNS.

You will always be able to access your computer even if your IP address is dynamically assigned.

SHR DVR makes user to get the remote video monitoring by supporting Sicunet's Dynamic DNS service of vmddns.com which can be used as static IP for Dynamic IP without additional cost.





Digital video recorders

Easy Upgrade & Installation

You can easily upgrade DVR thru USB memory with the latest software and install HDD in DVR.



Robust Cloud(Hole Punching)Service

- You can connect the DVR without port forwarding in CMS.
 - Port forwarding is the thing of the past
 - Simple cloud account registration(ID/Password) at DVR
 - Super easy network setup by SCS (Sicunet Cloud Service)
- * Sicunet unique technology



Powerful Remote Mobile Monitoring & Control

Free Download Application

Sicunet mobile monitoring solution delivers excellent remote video surveillance with your mobile phone while you are on the move. Just by a simple click, you can then view instant video wherever you are. Sicunet mobile monitoring solution makes your business visible over mobile phone. It is simple, flexible and convenient.





Digital video recorders

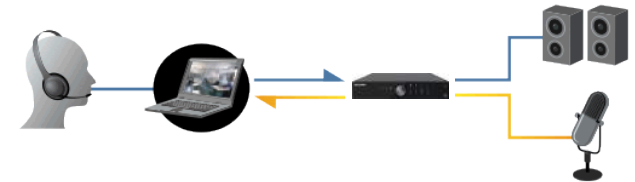
Hardware based motion detection & Diverse Event Scheduling.

- Can secure the situational detection for safety through exact alarm sensor and motion detection.
- Checking available on remote VMCMS, or iPhone/Android Phone.
- By virtue of diverse schedule recording mode, can manage conveniently to fit respective installation circumstance.
- Use Setting Mode (Manual, Schedule, Motion & Sensor Alarm recording)support.



Two-way Audio

Smart DVR is supported "TalkBack" two-way audio via microphone under the network connection between Smart DVR and CLIENT or CMS/Mobile.
In case of real alarm triggering, can announce operator's voice warning or recorded voice warning promptly to intruder.



Digital Zoom / PTZ Function

- Can adjust zoom operation by using Mouse drag and wheel control on live image and recorded image on playback.
- supporting PTZ Control mode via ONVIF Standard, and can operate and change preset, tour mode function for directional surveillance easily.





Digital video recorders

Multi-Browser

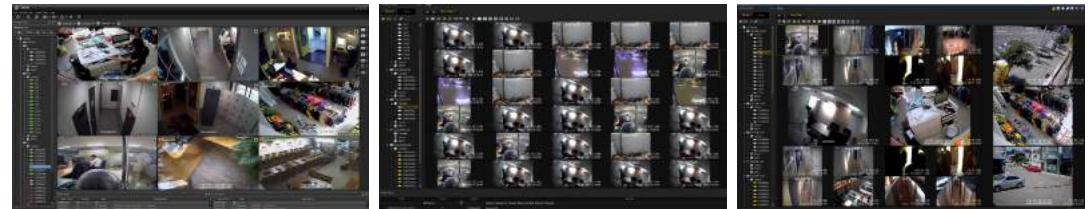
All web-browser compatibility

SHR series supports multiple browsers, so now you can connect, monitor and control DVR in your preferences not only in Internet Explorer, but as well in Mozilla Firefox, Apple Safari and Opera.



CMS(Central Monitoring Software)

VMCMS for control of DVR Systems on video monitoring and management for video monitoring and management



Intuitive User Friendly GUI with Easy Operation

Just simple click

User friendly GUI allows the easy operation and speeds up the user's work. Sicunet GUI is more attractive and makes the DVR easier to use.



Technology for SHR Digital Video Recorder

Main Features

- HD SDI 1080P Support based on Embedded Linux
- Max REC : 240 fps@1080P,720P & H.264 Compression (HD-SDI 16CH)
- HD SDI 1080P based on Embedded Linux
- Max REC : 120 fps@1080P,720P & H.264 Compression (HD-SDI 4CH/8CH)
- 960H Support based on Embedded Linux
- H.264 Compression
- Pentaplex Mode for record, playback, backup, Network
- Best quality of recorded image with fine tuned solution
- REC : Max 480fps@960H(4CH/8CH/16CH)
- HDD : 2 SATA (Max 8TB Internal)
1 SATA for SHR-7004
- 1 HDMI + 1 VGA / 1 SPOT / Wide Monitor support
- PTZ Control
- Diverse Playback (Time, Event, Thumbnail, Panorama)
- Dynamic recording schedule(Continuous, Event, Group)
- Easy backup by USB and network backup
- Reliability by watchdog in malfunction of H/W
- Best quality of video image (Live & Recording)
- Powerful Network Features (DDNS / VMCMS)
- MAC PC Client program (VMCMS)
- Android / iOS Mobile Viewer



SHR-7004 / SHR-7008 / SHR-7016

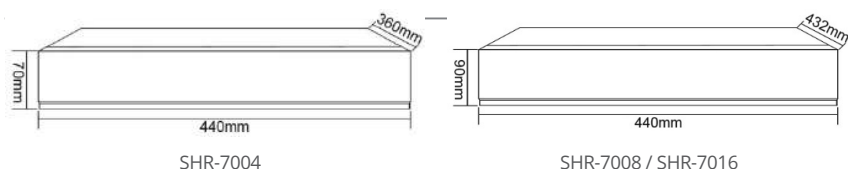
DVR 960H DVR



Features

- 960H standalone DVR
- 4-channel/8-channel/16-channel video input
- Linux operation system, H.264 compression/AVI
- Video Recording: 960H/D1
- Two-way audio
- Backup Mode:
 - Remote
 - Storage: build-in SATA 2.6 x2(Max 4TB for each HDD) / SATA 2.6 X1(4TB) for SHR-7004(4CH)
 - Support 2* USB2.0 port for mouse and backup
- Video Output: HDMI output, VGA output, BNC output
- Recording Mode: Manual/Schedule/Motion Detection/Sensor
- Search Mode: Time, Event, Channels and Calendar
- Cloud services: Plug and Play
- Multi-browser support: IE, Firefox, Safari, Opera
- Multi-mobile support: iPad, iPhone, Android
- Video management software: CMS, Web viewer, Mobile APP
- Supporting All operating system : Mac, Linux, Windows support

Dimension



Specification

Model Number	SHR-7004	SHR-7008	SHR-7016	
System	Video System	NTSC/PAL Switch Selectable		
	Input	BNC*4, 1.0Vp-p, 75ohm	BNC*8, 1.0Vp-p, 75ohm	BNC*16, 1.0Vp-p, 75ohm
	CVBS output	NTSC:720*480, PAL:720*576		
	HDMI output	1 CH Resolution 1920x1080/1024x768		
	VGA output	1024x768		
Audio	Input	1CH, RCA	1CH, RCA	4CH, RCA
	Output	1CH, RCA		
	Talk Back	Yes		
Control	Mouse	2*USB2.0		
Storage	Build in Interface	SATA2.6*1 (Max. 4TB for each HDD)	SATA2.6*2 (Max. 4TB for each HDD)	SATA2.6*2 (Max. 4TB for each HDD)
	Division	1,4	1,4,6,8,9	1,4,6,8,9,16
Display	Zoom	Preview Zoom Support		
	Compression	H.264(High profile)		
Recording	Recording Mode	Manual/Schedule/Motion Detection/Sensor		
	Resolution	NTSC:960x480,704x480 / PAL:960x576,704x576		
	Record Frame Rate	NTSC: 120FPS@960H, 120FPS@D1	NTSC: 240FPS@960H, 240FPS@D1	NTSC: 480FPS@960H, 480FPS@D1
	Quality	Lowest, Lower, Low, Medium, Higher, Highest		
	Motion Detection	Sensitivity: Multi Level, 22*15Grid		
Playback	Speed	Normal, FF(1X,2X,4X,8X,16X), Slow(1/2X,1/4X), RW(8X,16X,32X)		
	Search Method	Time, Event, Channels and Calendar		
Communication	Remote Software	Web Browser, Mobile, Remote Software		
	Remote Operation	Remote View, Remote Playback, Remote setup		
	Network Service	TCP/IP, UDP, HTTP, DDNS, SMTP(SSL), LAN, DHCP, PPPOE		
	Mobile Device	iPhone, iPad, Android		
	WAN RJ45	10/100Mbps		
Backup	PTZ Protocol	Pelco-D, Pelco-P, etc.		
	External	2*USB2.0		
	NETWORK	Yes		
General	File Format	AVI		
	Alarm In/Out	N/A	N/A	2/1
	RS-485	1		
	Dimension(mm)	W220.0 x D260.0 x H47.5	W339.5 x D254.5 x H60.5	W339.5 x D254.5 x H60.5
	Operation Temperature	10~40°C		
	Working Humidity	10~90%		
Power Consumption	DC 12V, 2A, <6W (Exclude HDD)	DC 12V, 4A, <6W (Exclude HDD)	DC 12V, 4A, <10W (Exclude HDD)	

SHR-8004 / SHR-8008 / SHR-8016

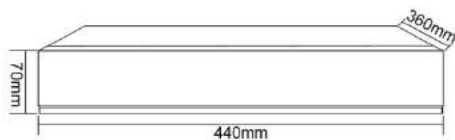
DVR HD-SDI DVR



Features

- Full 1080P HD-SDI DVR
- 4-channel/8-channel/16-channel video input
- Linux operation system, H.264 compression/AVI
- Video Recording: 1080p/720p
- Two-way audio
- Backup Mode:
 - Remote
 - Storage: build-in SATA 2.6x2 (Max. 4TB for each HDD)
 - Support 2* USB2.0 port for mouse and backup
- Video Output: HDMI output, VGA output, BNC output
- Recording Mode: Manual/Schedule/Motion Detection/Sensor
- Search Mode: Time, Event, Channels and Calendar
- Cloud services: Plug and Play
- Multi-browser support: IE, Firefox, Safari, Opera
- Multi-mobile support: iPad, iPhone, Android
- Video management software: CMS, Web viewer, Mobile APP
- Supporting All operating system : Mac, Linux, Windows support

Dimension



Specification

Model Number		SHR-8004	SHR-8008	SHR-8016
System	Video System	4CH HD-SDI (SMPTTE274), BNC (800MVp-p, 75ohm)	8CH HD-SDI (SMPTTE274), BNC (800MVp-p, 75ohm)	16CH HD-SDI (SMPTTE274), BNC (800MVp-p, 75ohm)
	Input	1080P/720P		
	CVBS output	D1, BNC (1.0Vp-p, 75ohm)		
	HDMI output	1920x1080/1024x768		
	VGA output	1024x768		
Audio	Input	4CH, RCA (2.0Vp-p, 1kohm)	8CH, RCA (2.0Vp-p, 1kohm)	16CH, RCA (2.0Vp-p, 1kohm)
	Output	1CH, RCA (2.0Vp-p, 1kohm)		
	Talk Back	Yes		
Control	Mouse	2*USB2.0		
Storage	Build in Interface	SATA2.6*2 (Max. 4TB for each HDD)		
Display	Division	1,4	1,4,6,8,9	1,4,6,8,9,16
	Zoom	Preview Zoom Support		
Recording	Compression	H.264(High profile)		
	Recording Mode	Manual/Schedule/Motion Detection/Sensor		
	Bitrate	2~12Mbps		
	Record Frame Rate	4*25/30FPS@720P, 4*25/30FPS@1080P	8*25/30FPS@720P, 8*15FPS@1080P	16*25/30FPS@720P, 16*15FPS@1080P
	Quality	Lowest, Lower, Low, Medium, Higher, Highest		
	Motion Detection	330 (22*15) Detection Grids, Multi-level Sensitivity		
Playback	Speed	Normal, FF(1X,2X,4X,8X,16X), Slow(1/2X, 1/4X), RW(8X,16X,32X)		
	Search Method	Time, Event, Channels and Calendar		
Communication	Remote Software	Web Browser, Mobile, Remote Software		
	Remote Operation	Remote View, Remote Playback, Remote setup		
	Network Service	TCP/IP, UDP, HTTP, DDNS, SMTP(SSL), LAN, DHCP, PPPOE		
	Mobile Device	iPhone, iPad, Android		
	WAN RJ45	10/100/1000Mbps		
	PTZ Protocol	Pelco-D, Pelco-P, etc.		
Backup	External	2*USB2.0		
	NETWORK	Yes		
	File Format	AVI		
General	Alarm In/Out	4/1	8/1	16/1
	RS-485	1, Support PTZ control		
	Dimension(mm)	W339.5 x D254.5 x H60.5		
	Operation Temperature	10~40°C		
	Working Humidity	10~90%		
	Power Consumption	DC 12V, 4A, <12W (Exclude HDD)	DC 12V, 5A, <12W (Exclude HDD)	ATX Power Supply. <45W (Exclude HDD)



SICUNET

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