

# SHR-2160/2162

## 16Ch Standalone DVR



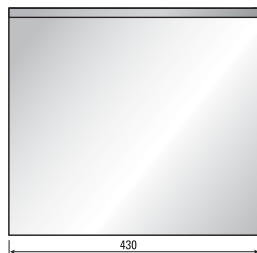
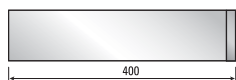
- 4-channel 120 ips real-time video recording and 4-channel audio recording (SHR-204X)
- 8/16-channel 120 ips real-time video recording and 4-channel audio recording (SHR-208X/216X)
- Various backup through USB: USB memory, portable HDD, portable CD-RW and DVD-R (SHR-2XX2 Series do not support portable CD-RW/DVD-RW.)
- Spot output monitoring (full-screen monitoring function for a specific channel, auto sequence)
- Easy search, through access to a range of search methods : Event, Date/Time, Go to First/Last, Backup Search and Calendar functions
- Motion detection (zone setting)
- Watermark to prevent video alteration
- Alarm message sent to registered users (CallBack)
- Remote monitoring and control through the network : Ethernet, Cable Network and XDSL support
- Remote control through the IR remote controller (SHR-208X/216X)
- Compact size overcomes installation space limitations (SHR-2040)
- Possible to expand up to 1 TB (250GBx4) (SHR-2080/2160)
- Supporting efficient backup by incorporating a built-in CD-RW unit (SHR-2XX2)

### Specifications

Model			SHR-2160	SHR-2162
Video	Input	Composite	16Ch, BNC	
		Loop Through	16Ch	
	Output	Composite	2Ch, BNC(Normal, Spot)	
		S-Video	1Ch	
	VGA	1Ch		
Audio	Input		4Ch Mono, RCA	
	Output		1Ch Mono, RCA	
Recording	Compression Method	Video/Audio	MPEG 4 / ADPCM	
	Video Compression Rate (Kbyte/Image)	Very High	NTSC : 6.7(CIF), 11.5(Half D1) / PAL : 8.1(CIF), 13.8(Half D1)	
		High	NTSC : 5.0(CIF), 8.8(Half D1) / PAL : 6.1(CIF), 10.5(Half D1)	
		Standard	NTSC : 3.9(CIF), 6.7(Half D1) / PAL : 4.8(CIF), 8.1(Half D1)	
		Low	NTSC : 2.4(CIF), 4.3(Half D1) / PAL : 2.9(CIF), 5.2(Half D1)	
Resolution		CIF, Half D1		
Speed(NTSC/PAL)		CIF:120/100ips, Half D1:60/50ips		
Method		Time Lapse, Event(Alarm/Motion/Video Loss), Schedule(Time, Date, Camera), Normal		
Live/Playback	Display Resolution		D1	
	Search Mode		Event Search (Alarm/Motion/Video Loss), Date/Time Search, and Calendar Search, Go to First/Last Search and Backup Search	
	PB Mode		Play, Stop, Pause, FF(Fast Forward), FB(Fast Reverse)	
	Live Screen Mode		Single, 4, 6, 7, 9, 10, 16, Sequence, Freeze, x2 Zoom	
	Display Speed (Images/sec)		NTSC:480ips / PAL:400ips	
	Auto Screen Switchover Time		0, 3, 5, 10, 20, 30sec	
Event	Alert Function		Remote S/W Callback	
	Alarm Input		16Ch, 1 Alarm Reset	
	Alarm Output		4Ch Relay Out	
	Alarm Output Duration		Off, 3, 5, 10, 20, 30sec	
	Motion Detection		Area Setting (Low, Standard, High)	
	Pre Alarm Setup Time		Off, 5, 10, 20, 30sec	
	Post Alarm Setup Time		Off, 5, 10, 20, 30sec, 1, 3, 5, 10, 20min	
Watermark			Yes	
Storage	Default		160GB	
	Expansion		250GB x 4	250GB x 3
	CD-RW		No	Yes(for Back Up)
Back Up			USB 2.0 (Front 1 Port, Rear 1 Port)	USB 2.0 (Front 1 Port, Rear 1 Port), CD-RW
External Port	RS232C		Console	
	RS485		PTZ Device, System Keyboard	
Network			Ethernet(10/100 Base-T), Cable Network, xDSL	
Operating Temperature			0°C ~ 40°C	
Operating Humidity			25% ~ 80% RH	
Power Requirement			AC100 ~ 240V, 50/60Hz	
Power Consumption			56W	60W
Weight			6.5Kg	
Dimensions			430(W) x 88(H) x 400(D)mm	

### Dimensions (unit:mm)

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\* Design and specifications are subject to change without notice.



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