Data Sheet - Kodicom KSR916 DVR

16 channel DVR
400 fps with up to 3Tb HDD



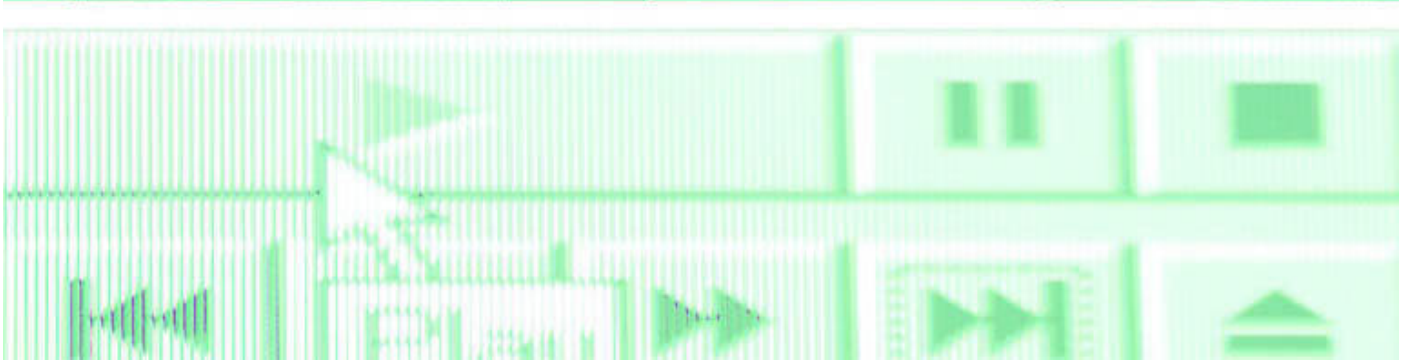
Main features

- Record and display at full D1, 400 FPS (704 x 480) Resolution, Full HD display output (1080p), HDMI output (1920 x 1080), 4 Spot monitor outputs
- 2 layers of motion detection per camera
- E-map capability, load your blue prints and configure your security system
- 2U rack mountable, 2 way Audio over the Internet
- Back up to USB (front and rear ports), DVD-R, and e-SATA for faster and more stable back up.
- POS integration via RS-232 port pre-loaded
- Bookmark events in your hard drive (useful for finding events without wasting time searching)
- Digital Zoom of recorded images up to 17 times of original size depending on recorded resolution
- 6 internal hard drive bays and 2 external e-SATA, Supports RAID 1 (mirroring) system (e-SATA)
- Displays HDD status and diagnostics (temperature, capacity usage, bad sectors, etc)
- Supports Static, Dynamic, DDNS, NTP, SMTP
- PIP settings adjustable position, number and size

Ideal Applications

- High Quality DVR surveillance
- Schools, Museums, Banks
- Premium Retail
- Supermarkets
- Commercial premises

The **Kodicom KSR916** is the latest 'State of the Art' real time D1 resolution DVR's from Kodicom setting the benchmark for the new generation of Standalone DVR's in the market place.
The DVR comes with all of the features you would expect and then pulls no punches with other features normally associated with PC DVR's such as dual layer motion detection, POS integration and e-SATA backup facilities.
Recoding in real time at full D1 resolution the picture quality is superb, and the playback features almost lifelike images, enhanced by the use of the HDMI output for viewing on HD ready Monitors.
Storage is also enhanced by the use of up to 6 HDD bays allowing up to 3Tb as standard, with optional addition of 2 extra SATA drives to ensure top quality, crisp clear images, over long periods of time.
The **KSR916** comes at a price point which can also be seen as best in class, and when coupled with the power, flexibility and aesthetics of this stunning platform the machine is a sure fire winner.
Kodicom is a long established Manufacturer of DVR's in the CCTV domain, with over 20 Years experience designing and building both PC and Standalone machines, many appearing under the guise of some well known Brand names. Whilst cctvX is the 'Home of Kodicom in the UK' providing excellent Sales and Service backup for this and all of it's range of Products. Please contact us for more details.



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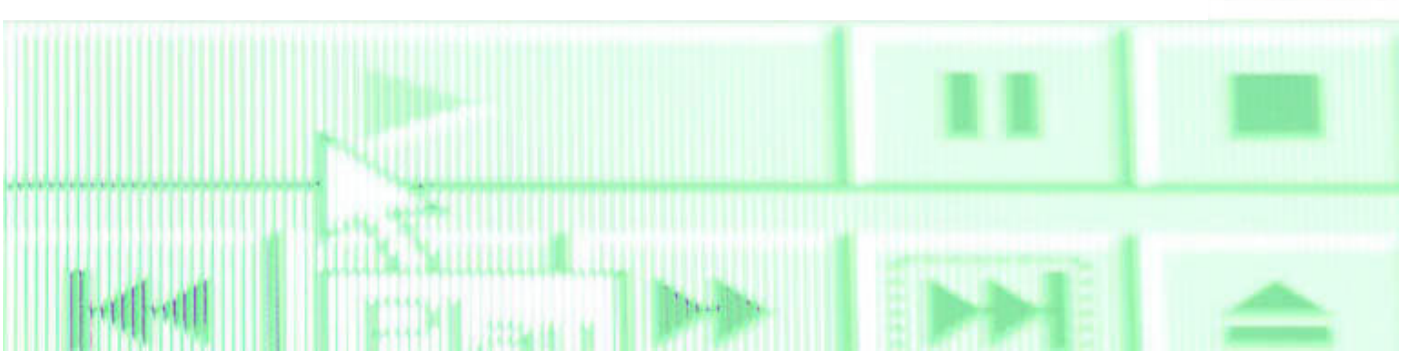
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Specifications

KSR-916		
System	OS	Embedded Linux
	CPU	MPC8349 533Mhz
	Codec	MPEG-4 ASP(SOLO), G.723 ADPCM
	Language	English, Korean, Japanese, Chinese, French, German, Spanish, Italian, Taiwan, Russian
	Internal HDD	SATA I/F (2Port) : HDD Max 8(SATA II)
	ODD	DVD-RW
	Video	IN : CVBS 16ch(1.0Vp-p, NTSC/PAL)
		OUT : VGA, HDMI, CVBS, 16ch SPOT(1 port), programmable Quad SPOT(3 ports), Loop-through
	Audio	IN : 16ch line-in
		OUT : 1ch line-out
	Alarm IN,OUT	IN:16/1 reset, OUT:4EA(Relay Out)
	External I/F	Gigabit Ethernet 1 port
		RS-485 : 1port(full-duplex)
		RS-232 : 1port
		Remote controller
		Mouse (USB)
		USB 2.0 3ports (Front 2 ports, Rear 1 port)
		SATA I/F (2Port), Max 8 HDD I/F(for Backup, Record)
		CD-RW or DVD±RW (for Backup)
	Size	2U size
	Power	250W, ATX 100~240V Free voltage SMPS
	Fan	1EA (High quality, Low noise)
Display		1ch playback(Local live + local recorded video display in a same view (Mouse operation only))
		1X1, 2X2, 3X3, 4X4, 1+5, 1+8, PIP, Sequence
		User configurable display setup
		Digital Zoom
		Programmable SPOT
		HardDisk Temparature checking
		Motion detected zone display
Recording		Full real-time recording
		NTSC:480 fps@704x480, 480 fps@704x240, 480 fps@352x240
		PAL : 400 fps@704x576, 400 fps@704x288, 400 fps@352x288
		Each channel Scale, GOP, Frame rate, Quantization control support
		Skipping bad sector
		Continuous, Motion, alarm (Pre-alarm), event recoding option support
		Instant Recording (Front key button)
		Emergency Recording
		Raid 1 support
		Recording quality & size (7-level Recording quality)

KSR-916	
Search&Playback	NTSC:120 fps@704x480 PAL:100fps@704x576
	Reverse playback
	Instant playback
	Date and time, motion, Alarm, POS
	Variable speed playback Fast Forward/Reverse: (2x, 4x, 8x, 16x, 32x, 64x) Slow Forward/Reverse: 1/2x, 1/4x, 1/8x
	Event search
	Each channel Auto Delete setup
	Audio sync.
Detection & Notification	Motion Zone (Min. 2 layer), Sensitivity Setting support
	Alarm In / Alarm Out
	Video Loss
	Event pop-up , E-mail notification
	e-mail notification time zone setup
	CMS notification
	HDD Failure Alert
Network	Max. network performance (240fps@352*240, 120fps@704*240, 60fps@704*480)
	Scale, quality, frame rate setup
	Multi-Codec supported (JPEG, MPEG4)
	10/100/1000Mbps support
	ADSL(PPPoE), DHCP, Static IP support
	TCP/IP, HTTP, SMTP, NTP support
	Minimum 10 clients connection
	Port changeable
Backup	Schedule and Instant backup support
	Various Backup devices (CD-RW/DVD±RW, USB, External Storage SATA, Network)
	Schedule backup by a day of the week
	KDB, SFX, BMP, JPEG
Auxiliary Function	Multi-language input supported (with CMS)
	Day light saving
	Multi-Level, Multi-User
	Remote controller ID function support
	Two-way Audio (with CMS)
	PTZ touring
	Integrated CMS (PC DVR and Stand-alone DVR)
	System Smart check
	POS

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Kodicom KSR-916



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Features KSR916 Versus Samsung SHR-8xxx

Model	KSR916	SHR-8XXX Series
POS	Yes	Yes
RAID	Yes (RAID 1)	No
Recording	Maximum Speed	PAL 400 fps
Resolution	Resolution	704 x 576
Types	Continuous, Motion, Sensor, Pre-Alarm	Continuous, Motion, Sensor, Pre-Alarm
RAID	Yes (RAID 1)	No
HDMI Output	Yes	Yes
Motion detection 2 Layer	Yes	No
External Storage Interface	Yes (SATA-II, 2 ports)	Yes (SATA-II, 2 ports)

KSR/ND Series CMS Function

Playback



Watch



KSR-916

16CH Full D1 Recording
Real-time Standalone DVR

CCXTV

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The End of The Line....!



Main Features

- Real Time Recording(Full-D1)
- Compact Picture Storage
- Built-in POS
- Internal Radi 1 Supported
- HDMI, E-SATA
- CMS