



## MODEL: SDVR 2516

16CH H.264 Digital Video Recorder

### MAIN FEATURES:-

- \* 16/9-CH H.264 DVR with sixfold operation – record, live, playback, backup, control & remote access
- \* H.264 Baseline Profile video compression/decompression with configurable quality
- \* Record capabilities – Full-D1: 120/100IPS, Half-D1: up to 240/200IPS, CIF: up to 480/400IPS
- \* Playback capabilities – Full-D1: up to 120/100IPS, Half-D1: up to 240/200IPS, CIF: up to 480/400IPS
- \* Realtime live display, 30 (NTSC) / 25 (PAL) IPS, for each channel
- \* Bi-directional audio capabilities
- \* Smart search & playback
- \* Audio in \*4 / audio out \*1 (optional)
- \* Main monitor\*1, Call monitor\*1
- \* Up to 3 SATA HDDs, or 2 SATA HDDs and 1 DVD
- \* Alarm in\*16 / alarm out\*2 (optional)
- \* Ethernet\*1 for remote access, including web access, e-mail alarm notification, FTP video / audio file storage, and software upgrade
- \* I.I.E software for multiple DVRs
- \* Main monitor \* 1, VGA \* 1
- \* Remote access through mobile phone or PDA
- \* RS-232 and RS-485 for PTZ, keyboard control, POS and GPS support
- \* USB\*1 for video/audio backup to versatile USB 2.0 storage devices
- \* Internal DVD Models: Video/audio backup to internal DVD, including DVD+RW, DVD+R and DVD-R
- \* eSATA connector for HDD extension
- \* Keypad, I/R remote control, & mouse operation
- \* Watermark
- \* Multi-lingual support for setup and display
- \* Open system architecture for ease of access via network, RS-485 keyboard
- \* OCX SDK available for the integration with different applications

# Product Specifications

System	O.S.	Embedded Linux 2.6
	Multiplex	Sixfold operation - simultaneous record, live, playback, backup, control, & remote access.
	Processor	Multiple
	Certificates	FCC, CE, LVDS, etc.
Video	Format	NTSC/EIA or PAL/CCIR
	Input	SDVR 2516H: 16-CH, BNC, 1Vp-p/75ohm
	Main Monitor	BNC x 1, S-videox1 (option), 1Vp-p/75ohm Optional VGA D-SUB 15-pin connector
	Call monitor	BNCx1, 1Vp-p/75ohm
	Loss Detection	Yes
	Motion Detection	Yes, with configurable detection area & sensitivity
Audio	Input	4 RCA-jack connectors, line-level (100mV-2Vrms)
	Output	1 RCA-jack connector, line-out level (up to 2Vrms)
Record	Compression	H.264 Baseline Profile Audio: ADPCM
	Frame rate (IPS) & Resolution	NTSC – 120/720*480, 240/720*240, 480/360*240 PAL – 100/720*576, 200/720*288, 400/360*288
	Watermark	Yes
	Mode	Manual/Schedule/Alarm/Motion
	Pre-record time	0 - 60 seconds
	Post-record time	0 - 60 minutes
Display	Resolution	NTSC – 720*480, PAL – 720*576
	Split windows	1/4/7/9/10/13/16
	Frame rate	Up to 30/25 IPS per display window
	Digital zoom	X2, X4
	Sequential switch	User adjustable
Playback	Frame rate (IPS) & Resolution	NTSC – 120 / 720*480, 240 / 720*240, 480/360*240 PAL – 100 / 720*576, 200 / 720*288, 400 / 360*288
	Search	Smart search, Date/time, Camera, Alarm, Motion
	Operation	Play, Fast Forward, Backward, Pause, Stop, etc. Remote I.E. and HEM can also Print
Power	Source	+12VDC
	Consumption	70W Max (with 3 HDDs)
Operating Temperature		0°C ~ +45°C

Storage	HDD	2 sets of 3.5" SATA HDDs, up to 2TB for each HDD Optional 1 set of 3.5" SATA HDD Failure detection & privacy law supported
	HDD Extension	1 eSATA connector
	Partitions	Configurable alarm partition size Configurable auto-overwrite or not
	Backup	1 USB 2.0 port for USB 2.0 disk drives, DVD+RW, DVD+R, DVD-R, card readers, HDD etc. DVD models: DVD+RW, DVD+R, DVD-R Self playback for backup files
Alarm	Input (optional)	16 contact or TTL/CMOS signal, polarity selectable
	Output (optional)	1 Normally open, 1 Normally closed relay output
	Buzzer	Yes
	Triggered by	Sensor input, Video loss & Motion
	Event log	Yes
Network	Ethernet	1 I/R -45 10/100 BaseT Ethernet connector
	Web	Remote setup, monitoring, backup, alarm notification, & remote software upgrade 1 I.E. for multiple DVRs Configurable HTTP/Control/Data port
	E-mail	Alarm notification to stationary or mobile devices
	FTP	Alarm video / audio file storage
	Video	1/4/9/16 split-window & SEQ mode for I.E. and HEM Dynamic electronics maps for HEM
	Audio	Bidirectional
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP
	Remote users	Up to 8 users simultaneously
	Bandwidth	TCP/IP type dynamic sliding window control
	Remote stations	PC, mobile phone or PDA
Control/POS/ GPS	I/R	1I/R remote controller
	RS-232	1 D-type female connector for PTZ, POS or GPS
	RS-485/422	2-pin for keyboard/PTZ control (option)
Setup	Local	On screen setup via mouse, keypad, I/R remote controller, and/or RS-485 keyboard
	Remote	Setup & upload via Windows application software
	Multi-lingual	Yes
Reliability	System recovery	Auto power on after power loss recovery
	Watch dog Timer	Yes
	Timer	Built in real time clock
	Security	Multi-level password (3 levels, up to 18 accounts) protection with authentication key for remote access
Weights & Measures	Dimension Weight	430(W) x 330(D) x 66(H)mm 4.0KG (without HDD)