



# HD-SDI Digital Video Recorder



## V7100 SERIES

- ◆ 4 / 8 / 16 HD-SDI Video Inputs (1080p, 1080i or 720p)
- ◆ Max. 112 FPS @ 1080p / 112 FPS @ 720p Recording
- ◆ HDMI & VGA Outputs : Full HD (Max. 1920 x 1080p)
- ◆ Handy to Install and Use as General DVRs
- ◆ 3G Mobile Viewer (iPad, iPhone, Android, Blackberry, MS Mobile)
- ◆ CMS fo Mac / Linux Users

**HD VIDEO OVER COAXIAL**  
**Each Channel Recording**  
**in Full HD (1080p, 1080i or 720p)**

### SPECIFICATION

Model	V7104	V7108	V7116
Compression	H.264 (Main Profile)		
Signal Format	HD-SDI (1080p, 1080i or 720p, Auto Detection)		
Recording Rate	Max. 60FPS @ 720p	Max. 120 FPS @ 720p	Max. 112 FPS @ 720p
	Max. 30FPS @ 1080p	Max. 60 FPS @ 1080p	Max. 112 FPS @ 1080p
	All inputs must be the same signal format		
Video Input	4 / 8 / 16 HD-SDI Inputs (1080p, 1080i or 720p)		
Video Output	1 VGA / 1 HDMI (Max. 1920 x 1080p, Various Resolution)		
Dual Stream	Selectable		
Audio Compression	ADPCM (16 Bit)		
Audio Input	4 / 8 / 16 Inputs (RCA)		
Audio Output	1 Output (RCA)		
Ethernet	10 / 100 / 1000 Mbps Ethernet (RJ-45)		
PTZ Control	RS-485/422 Terminal Block		
Text Insertion (POS)	4		
Alarm Input / Output	4 / 8 / 16 (TTL) Programmable as NC/NO		
USB Port	4 Ports (2 x Front Panel, 2 x Rear Panel)		
Control Device	Keypad, Mouse, Keyboard Controller, Remote Controller		
Recording Quality	Super / High / Standard		
Recording Mode	Continuous / Alarm / Motion / Emergency		
Pre-Alarm Recording	Up to 3 Hours / User Programmable		
Motion Detection	Yes (22 x 15)		
Playback Speed	x1, x2, x4, x8, x16, x32, x64, Extreme		
Archive File Format	EXE (Video Clip) / JPEG (Still Image)		
User Interface GUI	Yes		
Auto DST / NTP Server / GMT Time Zone	Yes		
Multi Language	Arabic / Chinese (Traditional / Simplified) / Croatian / Czech / Danish / Dutch / English / Finnish / French / German / Italian / Japanese / Korean / Persian / Polish / Portuguese / Russian / Spanish / Thai / Turkish		
3G Communication	iPad / iPhone / Android / Blackberry / MS Mobile		
Operating System	Embedded Linux		
OS Firmware	Linux OS in Flash Memory		
Emergency Recording Key	Yes		
Primary Storage	SATA HDD (Up to 3+1)	SATA HDD (Up to 4+1)	SATA HDD (Up to 4+1)
Clip Copy Storage	Built-in Internal DVD-RW, Memory Stick		
Dimension(WxHxD)	V7104 : 380mm x 88mm x 380mm / 14.96inch x 3.46inch x 14.96inch		
	V7108 : 430mm x 88mm x 380mm / 16.93inch x 3.46inch x 14.96inch		
	V7116 : 430mm x 88mm x 380mm / 16.93inch x 3.46inch x 14.96inch		
Operating Temperature & Humidity	5°C~40°C / 41°F~104°F, 0% ~ 90%		
Power Adapter & Consumption	V7104 : Free Voltage 12VDC, 6.67A / Max 51W		
	V7108 : 100 to 240 VAC, 1/2 A, 50~60 Hz, Internal 250W / Max. 80W		
	V7116 : 100 to 240 VAC, 1/2 A, 50~60 Hz, Internal 250W / Max. 95W		

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

### KEY FEATURES

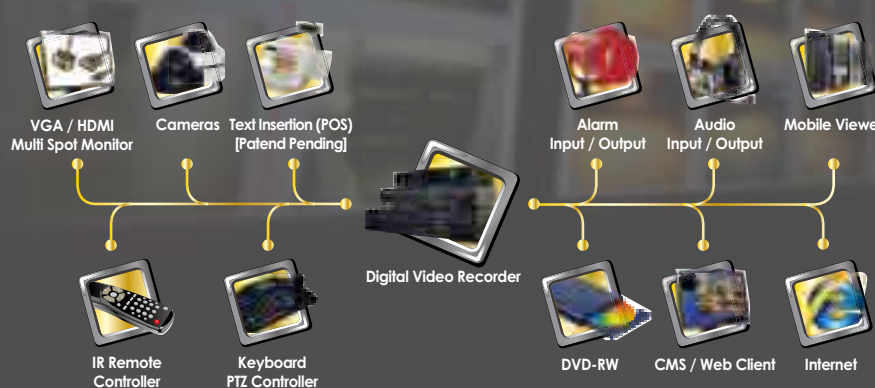


### MAIN FEATURES

- EASY TO USE**  
FLEXIBLE, USER FRIENDLY GUI
- DUAL STREAM**  
DUAL STREAM FOR HIGH SPEED INTERNET
- INTUITIVE CMS**  
CONVENIENT AND VERSATILE SOFTWARE

- MOBILE VIEWER**  
MOBILE VIEW ON 3G DEVICE  
(IPHONE / ANDROID / BLACKBERRY)
- FULL HD**  
HIGH DEFINITION (1920 X 1080P)
- S.M.A.R.T**  
SELF MONITORING ANALYSIS AND REPORTING TECHNOLOGY

### SYSTEM INTERCONNECTION



### DIMENSION

