

## The best of both worlds....

H.264  
MPEG4



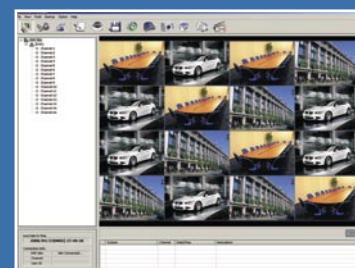
The Visage TSDVRPRO-II series of digital video recorders utilise a high definition codec to provide a H.264 hybrid solution with MPEG4 standard. In simple terms, by enhancing the MPEG4 compression engine, the CCTV video images are optimised, thereby providing a digital recording solution that is equivalent to, if not, actually better than standard H.264.

Available in 4, 8 and 16 channel models these units deliver a maximum recording rate of 200 frames/sec (real time on 4 & 8 channel) and up to 720 x 576 (D1) pixel resolution. Offering high storage efficiency, the recorders incorporate an integrated DVD-writer and USB port for incident back-up. In addition, the USB port can be used for software upgrade and mouse control for PC like operation. All units provide a loop out for each camera input, main monitor output, VGA output, spot output, four channels of audio and RS485 connection for PTZ/Keyboard control.

Operation and programming is simple via the intuitive and well designed graphical user interface. Navigation and programming through the menus and control of the DVR is possible through the use of the front panel buttons, jog shuttle, infra red remote control, and supplied USB mouse. Features include per channel recording set-up, motion detection, alarm inputs, time, date and event search, email notification and full network capability through a drag and drop software. Additionally the DVRs benefit from a built in web-server for viewing via internet explorer.



Enhanced GUI



16 Camera, multi-site software with Drag & Drop

### Key Features

- 4, 8 and 16 channel models using a H.264 hybrid solution
- Up to 200fps recording and 720 x 576 resolution (real-time for 4 & 8 Ch models)
- Integrated DVD-Writer and USB port for back-up
- Per channel configuration of frame rate/quality, motion detection and alarm
- Quick Set-up and Quick Back-up function
- Time, date and event search
- Spot output and VGA output as standard
- 4 Channels of audio
- Full network capability with email notification
- PTZ telemetry control
- IR remote control & USB mouse support
- Watchdog function

Standard MPEG4 DVR	Standard H.264 DVR	TSDVRPRO-II DVR
Average File Size at D1 res: 15-20KB/frame	Average File Size at D1 res: 6-10KB/frame	Average File Size at D1 res: 6-10KB/frame ✓
Interlacing problems can occur	Interlaced signal	De-Interlacing technology incorporated ✓
Possible pixelation on playback	Minimum pixelation	Enhanced quality, no pixelation ✓

Model	200fps	100fps	50fps
TSDVR4PRO-II	N/A	2CIF (720x288)	D1 (720x576)
TSDVR8PRO-II	CIF (360x288)	2CIF (720x288)	D1 (720x576)
TSDVR16PRO-II	CIF (360x288)	2CIF (720x288)	D1 (720x576)

# SPECIFICATIONS

		TSDVR4PRO-II	TSDVR8PRO-II	TSDVR16PRO-II
Video	Operation System	Embedded (Linux)		
	Video Stand	NTSC/PAL switch selectable		
	Video Operation	Triplex+ (Live, Record, Playback, Remote, and Internet access)		
	Resolution- Live Video	NTSC: 720x480 pixels; PAL: 720x576 pixels		
	Input	4 x BNC, 1Vp-p/ 75 ohm	8 x BNC, 1Vp-p/75ohm	16 x BNC 1 Vp-p/75 ohm
	Main Monitor	BNCx1, 1Vp-p/75ohm		
	Call Monitor	1 x BNC, 1Vp-p/ 75 ohm		
	Loop through	4 x BNC, 1Vp-p / 75 ohm	8 x BNC 1Vp-p / 75 ohm	16 x BNC 1 Vp-p / 75 ohm
	VGA Output	800x600, 1024x768, 1280x1024 pixels @ 60Hz (Optional)		
	Picture Refresh Rate	100fps	200fps	400fps
	Camera Installation	Plug & Play		
Audio	Input	RCA x 4		
	Output	RCA x 1		
	Compression Method	ADPCM, G.726		
	File Size	8KB/Sec		
Recording	Compression Method	MPEG-4 (H.264 Hybrid)		
	Recording Mode	Schedule, Alarm, Motion Detection		
	Resolution & Rate	PAL: 50fps@720x576 pixels PAL: 100fps@720x288 pixels PAL: 200fps@360x288 pixels		
	Recording Quality	Adjustable		
	Image Size	1.5K to 10K Byte/Picture		
	Storage Mode	Linear/Circular		
Playback	Playback	Play, Stop, Pause, Rewind, Forward, Search		
	Playback Speed Adjustment	Yes (1x, 2x, ...32x)		
	Retrieve	Date/Time, Calendar, First, Last, Event		
Storage	Built-in HDD	3 x Hard Drive IDE Connection		
	Export	DVD-Writer, USB, Network		
Alarm	Alarm Input	4	8	16
	Alarm Detection	N.C./N.O., Programmable		
	Auditory Alert	Built-in Buzzer		
	Motion Detection	Grid Array, Sensitivity, Trig Level Adjustable		
	Video Loss Detection	Programmable		
	Alarm Relay Output	x1 Terminal Block		
Communication	Network Connectivity	Ethernet RJ-45 connector, 10/100Mbps, supports DHCP		
	Remote Control Software	Drag & Drop RMS and Internet Explorer		
	Access Control	Multi-users		
	Remote Operation	Live viewing, recorded viewing, back-up, PTZ Camera Control, DVR set-up		
	RS485	1 x Terminal Block		
	Dome Control Protocol	Visage Fastrax, Pelco P, Pelco D, AD422		
General	Unit Dimension (WxHxD)	440x90x420mm		
	Unit Weight	5.4Kg without HDD		
	Operation Temperature	0°C - 40°C (32°F - 104°F)		
	Relative Humidity	5% - 85% Non-condensing		
	Power Consumption & Input	12Vdc, 5A		12Vdc, 8A



**SECURITY  
DYNAMICS**

Unit 19, Silicon Centre, 26-28 Wadsworth Road, Perivale, Greenford, Middlesex, UB6 7JZ, U.K.  
Tel: 020 8810 8830 • Fax: 020 8810 8890  
Website: [www.securitydynamics.co.uk](http://www.securitydynamics.co.uk) • E-mail: [sales@securitydynamics.co.uk](mailto:sales@securitydynamics.co.uk)