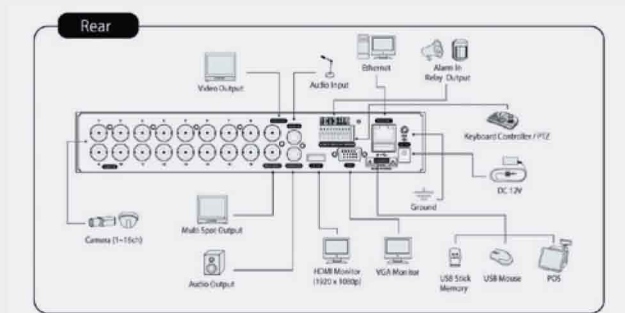




## Features

- H.264 Compression (High Profile)
- Each Channel 960H Realtime Recording
- HDMI & VGA Output Full HD (Max. 1920 x 1080)
- Picture Quality : Utmost graphic, respectively comparing its picture size
- Mobile Viewer : iPad / iPhone / Android / Blackberry
- Dual Stream : Optimize network transfer speed
- POS text insertion (Patent Pending)  
: Displaying & Recording Transaction Data from POS
- User Friendly GUI : Flexible, Easy and Convenient
- Advanced CMS Software : Convenient and Versatile Software
- S.M.A.R.T : Self Monitoring Analysis and Reporting Technology
- RS-485 Over Coaxial Cable
- Multi Spot Output
- Cost Saving Alarm Relay: Dry Contact
- Drag & Drop Zoom by Mouse at Live View and Playback
- 3rd Party DDNS Support (NO-IP, DynDNS)
- UPnP Support



## Technical Specifications

Model	TSDVR-4690	TSDVR-8690	TSDVR-16690
Compression	H.264 (High Profile)		
Operating System	Embedded Linux		
OS Firmware	Linux OS in Flash Memory		
Signal Format	NTSC / PAL (Auto Selected)		
Video Input	Composite 4 BNC Inputs	Composite 8 BNC Inputs	Composite 16 BNC Inputs
Video Output	1 HDMI, 1 VGA, 1 Composite		
Spot Output	1 Composite Multi-Spot Out		
VGA Output	1 VGA (Max. 1920 x 1080p, Various Resolution)		
HDMI Output	1 HDMI (Max. 1920 x 1080p, Various Resolution)		
Max Recording Rate at CIF (FPS)	120 (NTSC) / 100 (PAL)	240 (NTSC) / 200 (PAL)	480 (NTSC) / 400 (PAL)
Max Recording Rate at H.D1 (FPS)	120 (NTSC) / 100 (PAL)	240 (NTSC) / 200 (PAL)	480 (NTSC) / 400 (PAL)
Max Recording Rate at Full D1 (FPS)	120 (NTSC) / 100 (PAL)	240 (NTSC) / 200 (PAL)	480 (NTSC) / 400 (PAL)
Max Recording Rate at Full 960H (FPS)	120 (NTSC) / 100 (PAL)	240 (NTSC) / 200 (PAL)	480 (NTSC) / 400 (PAL)
Audio Input	1 Input (RCA Jack)		
Audio Output	1 Output (RCA Jack)		
Ethernet	10 / 100 / 1000 Mbps Ethernet (RJ-45)		
Network Bandwidth Control	56 Kbps ~ Unlimited		
Dual Streaming	Selectable		
Alarm Input	2 (TTL) Programmable as NC/NO		
Alarm Output	1 (TTL) Programmable as NC/NO		
USB Interface	2 (Front : 1, Rear : 1)		
User Interface(GUI / Control Device)	0 / Keypad, Mouse, PTZ Control, Remote Controller		
Archive File Format	EXE(Video Clip), JPEG(Still Image), AVI		
NTP Server	Yes		
GMT Time Zone	Yes		
Auto DST	Yes		
Recording Quality	Super / High / Standard		
Recording Mode	Schedule / Alarm / Motion / Emergency		
Pre-Alarm Recording	Up to 3 Hours / User Programmable		
Motion Detection	Yes (22 X 15)		
Playback Control	X1, X2, X4, X8, X16, X32, X64, Extreme		
PTZ Control	1 RS-485 Serial Port (Terminal Block), UTC Support(RS-485 Through BNC)		
POS / ATM Support	Up to 4 Channels Over USB		
Multi Language	"Arabic / Chinese (Simplified) / Chinese (Traditional) / Croatian / Czech / Danish / English / French / German / Italian / Japanese / Korean / Persian / Polish / Portuguese / Russian / Spanish / Thai / Turkish"		
Mobile Viewer	iPad / iPhone / Android / Blackberry		
Primary Storage	2HDD, 6TB		
Clip Copy Storage	USB Memory		
Dimension(WxHxD)	290 mm x 50 mm x 329 mm		
Operating Temperature	5°C~40°C / 41°F~104°F		
Operating Humidity	0% ~ 90%		
Power Adapter	Free Voltage 12VDC, 5A		
Power Consumption	Max. 60W		
Standard	FCC / CE		