



TS-DVR04LL
Entry Level DVR

- **New standard for entry-level simple DVR with high performance and competitive price**
- **H.264 Compression**
- **100/120 fps recording for CIF and 1st channel can support D1(4CIF) realtime recording**
- **Dual Encoding Streams**
- **Pentaplex function: live, recording, playback, backup & remote access**
- **4 channel simultaneous playback**
- **Smart video detection: Motion Detection, Camera Blank, Video Loss**
- **Smart camera settings: privacy masking, camera lock, color setting, and title display**
- **> 60 PTZ protocols supported. With ThyonixX Speed Dome, support 3D intelligent position**
- **Powerful network software: built-in web server, multi-DVR client, Networking access for remote live viewing, recording, playback, setting, system status, event log**

Specifications: DVR04LL

Model	TS-DVR04LL	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.
System		Video Detection & Alarm	
Main Processor	High performance embedded microprocessor	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output
Operating System	Embedded LINUX	Motion Detection	Zones: 396(22x18), Sensitivity: 1~6 (level 6 is highest)
System Resources	Pentaplex function: live, recording, playback, backup & remote access	Video loss & Camera blank	Support
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network	Alarm Input	4 channel
Video		Relay Output	1 channel
Input	4 channel, BNC(1.0Vp-p, 75Ω)	Playback & Backup	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)	Playback Channel	1/2/4
Output	1 TV, BNC(1.0Vp-p, 75Ω), 1 VGA	Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)
Audio		Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)
Input	2 channel, BNC(200-2800mV, 30KΩ), Channel 1 for bidirectional-talk input synchronously	Backup Mode	Flash drive / USB HDD / USB CD/DVD-RW / Network download
Output	1 channel, BNC(200-3000mV, 5KΩ)	Network	
Display		Interface	RJ-45 port (10/100M)
Display Split	1/4	Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
Resolution	1280x1024, 1280x720, 1024x768, 800x600	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Tour Display	Support	Hard Disk	
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera	Hard Disk	1 SATA port, Max 2TB HDD supported
OSD	Camera title, time, video loss, camera lock, motion detection, recording	Space Occupation	Audio: 28.8MB/H, Video: 56~500MB/H
Recording		HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)
Video/Audio Compression	H.264 / G.711	Auxiliary Interface	
Image Resolution	D1/4CIF(704x576/704x480) / CIF(352x288/352x240) / QCIF(176x144/176x120)	USB Interface	2 ports, 1 for mouse control, 1 for backup
Encoding Speed	Main Stream: Channel 1: D1/CIF/QCIF (1~25/30fps); Channel 2~4: CIF/QCIF (1~25/30fps), D1 (1~6fps) Extra Stream: QCIF(1~25/30fps)	RS232	TX keyboard, PC communication
Bit Rate	32~2048Kb/s	RS485	PTZ control
Image Quality	1~6 level(level 6 is the best, VBR effectively)	Environmental	
Recording Mode	Manual, Schedule(Regular/Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm, Stop	Power Supply	AC 100~240 V, 50/60 Hz
Recording Priority	Manual > Alarm > MD > Regular	Power Consumption	25W
		Working Environment	-10℃~+55℃ / 10~90%RH / 86~106kpa
		Dimension	1U, 325mmx245mmx45mm(WxDxH)
		Weight	2.0KG(without HDD)

