

16 Channel High-performance D1 Standalone DVR



TVC DVR L-1404/ 1804/ 1604HF

4/8/16 Channel Full D1 Standalone DVR

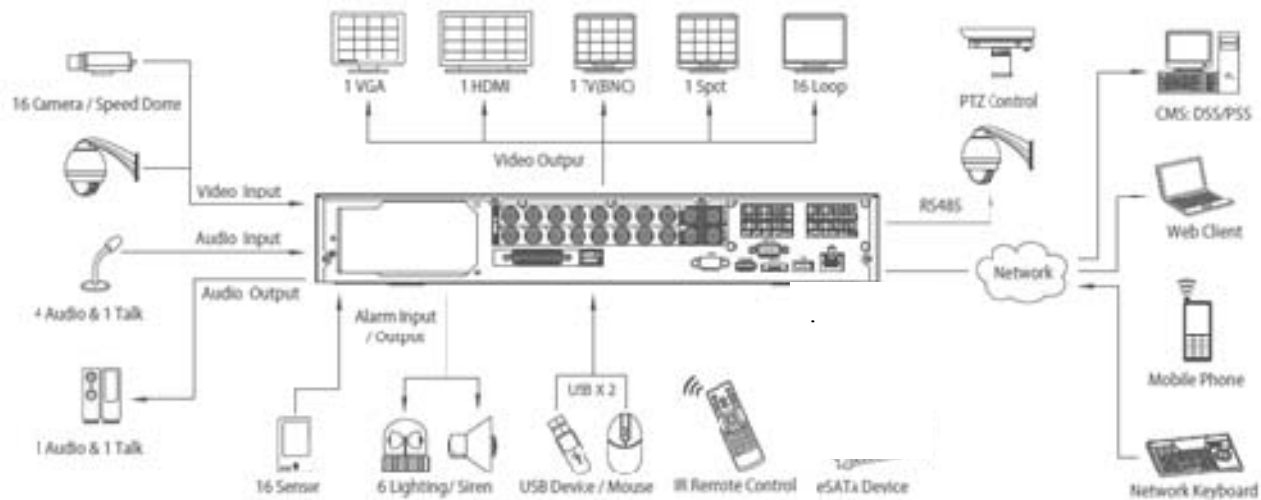
Features:

TVC DVR L1404HF: Full D1 recording, 4 channel video inputs, 4 channel audio inputs, 1 channel spot output with multi split display . It can support HDMI, VGA, USB2.0 and 4 HDDs.

TVC DVR L1804HF: Full D1 recording, 8 channel video inputs, 8 channel audio inputs, 1 channel spot output with multi split display. It can support HDMI, VGA, USB2.0 and 4 HDDs.

TVC DVR L1604HF: Full D1 recording, 16 channel video inputs, 4 channel audio inputs, 1 channel spot output with multi split display. It can support HDMI, VGA, USB2.0 and 4 HDDs.

- > 4/8/16 channel Full D1 standalone DVR
- > Dual-core CPU presents the powerful preview, recording, playback and network performance
- > Up to 4/8/16 cameras with 1080P realtime preview
- > H.264 dual-stream video compression
- > Full channel @ D1(4CIF) realtime recording
- > HDMI / VGA / TV/Spot (BNC) synchronous video output
- > All channel simultaneous realtime playback, GRID interface & smart search
- > Smart video detection: MD, camera blank, video loss
- > Easy backup: USB devices, network download
- > Alarm triggering screen tips, buzzer, PTZ, e-mail & FTP upload
- > Support 4 SATA HDDs, 1 eSATA, 2 USB2.0
- > Built-in web server, CMS(DSS/PSS) & DMSS



Model	TVC DVR- L1404HF	TVC DVR-L1804HF	TVC DVR-L1604HF
System			
Main Processor	High performance Dual-core embedded microprocessor		
Operating System	Embedded LINUX		
System Resources	Pentaplex function: live, recording, playback, backup & remote access		
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network		
Video			
Input	4channel, BNC(1.0Vp-p, 75?)	8channel, BNC(1.0Vp-p, 75?)	16channel, BNC(1.0Vp-p, 75?)
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Output	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC(1.0Vp-p, 75?)		
Audio			
Input	4channel, RCA(200-2800mV, 30KΩ)	8channel, RCA(200-2800mV, 30KΩ)	4channel, RCA(200-2800mV, 30KΩ)
Output	1 channel, RCA(200-3000mV, 5KΩ)		
Bidirectional Talk	1 channel Input, RCA(200-2800mV, 30KΩ) 1 channel Output, BNC(200-3000mV, 5KΩ)		
Display			
Display Split	1/4	1/4/8/9	1/4/8/9/16
Spot Split	1/4	1/4/8/9	1/4/8/9/16
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Tour Display	Support		
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
OSD	Camera title, time, video loss, camera lock, motion detection, recording		
Recording			
Video/Audio Compression	H.264 / G.711		
Image Resolution	D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)		
Encoding Speed	Main Stream: D1/HD1/2CIF/CIF(1~25/30fps)		

	Extra Stream: CIF/QCIF(1~25/30fps)		
Bit Rate	32~4096Kb/s		
Recording Quality	CBR, VBR(1~6 level, level 6 is the best)		
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop		
Recording Priority	Manual >Alarm >MD >Regular		
Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
Video Detection & Alarm			
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Spot, Buzzer & Screen tips		
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)		
Video Loss & Camera Blank	Support		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	6 channel		
Playback & Backup			
Playback Channel	1/2/4/All		
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
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)		
Backup Mode	Flash drive / USB HDD / USB CD&DVD-RW / eSATA device/ Network download		
Network			
Ethernet	RJ-45 port (10/100M/1000M)		
Network Functions	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server		
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information		
Hard Disk			
Hard Disk	4 SATA ports/ Up to 12TB		
Space Occupation	Audio: 28.8MB/H, Video: 56~1800MB/H		
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid (Redundancy)		
Auxiliary Interface			
USB Interface	2 ports, 1 for mouse control, 1 for backup		
RS232	Keyboard, PC communication		
RS485	PTZ control		
Environmental			
Power Supply	AC 100 or 220V±10% 50Hz±2% / 110 60Hz±2%		
Power Consumption	25W/ 30W/ 40W (without HDD)		
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa		
Dimension	440mm×480mm×68mm(W×D×H)		
Weight	6.0KG (without HDD)		

*Specification is subject to change without prior notice.