

DVR1604LE-A

TANDER®

16 Channel 1U Standalone DVR



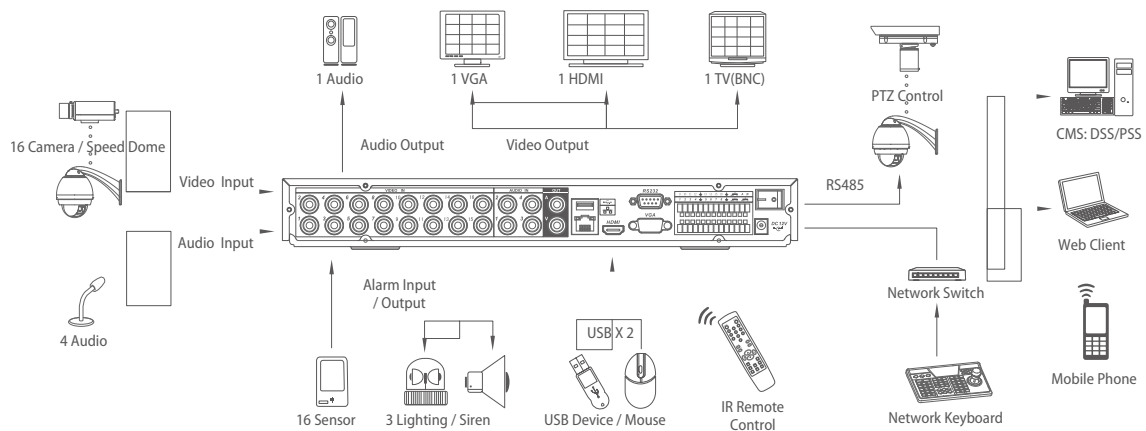
DVR1604LE-A: 16 channel video inputs and 4 channel audio inputs. The 1st and 9th video channels can support max D1(4CIF) realtime recording and other channels can support CIF realtime recording. It can support VGA, HDMI and USB2.0.



Features

- 16 channels cost effective 1U standalone DVR
- Up to 16 cameras with FULL HD 1080P display
- H.264 video compression algorithm ideal
- Each channel at CIF and special channel at D1 recording
- Dual encoding streams supported
- TV(BNC)/VGA/HDMI synchronous video output
- live, recording, playback, backup & remote access
- 16 channel simultaneous playback
- Smart video detection: MD, camera blank, video loss
- 3D intelligent positioning with selected model PTZ dome
- Easy backup: USB devices, CD/DVD-RW & network download
- Alarm triggering screen tips, buzzer, PTZ, e-mail, FTP upload
- Supports 1 SATA HDD, 2 USB2.0
- Built-in web server, multi-DVR client, MSS & CMS

Connection



Specifications

Model		DVR1604LE-A
System	Main Processor	High performance 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	16 channel, BNC(1.0Vp-p, 75Ω)
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
	Output	1 TV, BNC(1.0Vp-p, 75Ω), 1 VGA, 1 HDMI
Audio	Input	4 channel, BNC(200-2800mV, 30KΩ) Channel 1 for bidirectional-talk input synchronously
	Output	1 channel, BNC(200-3000mV, 5KΩ)
Display	Display Split	1/4/8/9/16
	Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600
	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) / CIF(352×288/352×240) / QCIF(176×144/176×120)
	Encoding Speed	Main Stream: Channel 1 & 9: D1/CIF/QCIF (1~25/30fps); Others Channel: CIF/QCIF (1~25/30fps), D1 (1~6/7fps) Extra Stream: QCIF(1~25/30fps) , CIF (1~6/7fps)
	Bit Rate	32~2048Kb/s
	Image Quality	1~6 level(level 6 is the best, VBR effectively)
	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.
	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output
Video Detection & Alarm	Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)
	Video Loss & Camera Blank	Support
	Alarm Input	16 channel
	Relay Output	3 channel
	Playback Channel	1/2/4/All
Playback & Backup	Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)
	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 / Network download
	Ethernet	RJ-45 port (10/100M)
Network	Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
	Hard Disk	1 SATA port, Max 2TB HDD supported
Hard Disk	Space Occupation	Audio: 28.8MB/H, Video: 56~500MB/H
	HDD Management	Hard disk hibernation technology, HDD faulty alarm
	USB Interface	2 ports, 1 for mouse control, 1 for backup
Auxiliary Interface	RS232	keyboard, PC communication
	RS485	PTZ control
	Power Supply	AC 100~240 V, 50/60 Hz
Environmental	Power Consumption	25W
	Working Environment	-10~+55°C / 10~90%RH / 86~106kpa
	Dimension	1U, 375mm×285mm×45mm(W×D×H)
	Weight	2.35KG(without HDD)