

DVR-04/08/16LEA 4/8/16 Channel Cost-effective 1U Standalone DVR



4/8/16CH

H.264

Max 400/480fps

16CH

Max 2TB HDD

1920x1080

HDMI / VGA

PSS PC Based Network Recording and Monitoring Software (free of charge)
- can connect unlimited No. of DVRs -

DVR-04LEA: 4 channel video inputs and 4 channel audio inputs. The 1st video channel can support max D1(4CIF) realtime recording and other channels can support CIF realtime recording. It can support VGA, HDMI and USB2.0.

DVR-08LEA: 8 channel video inputs and 8 channel audio inputs. The 1st video channel can support max D1(4CIF) realtime recording and other channels can support CIF realtime recording. It can support VGA, HDMI and USB2.0.

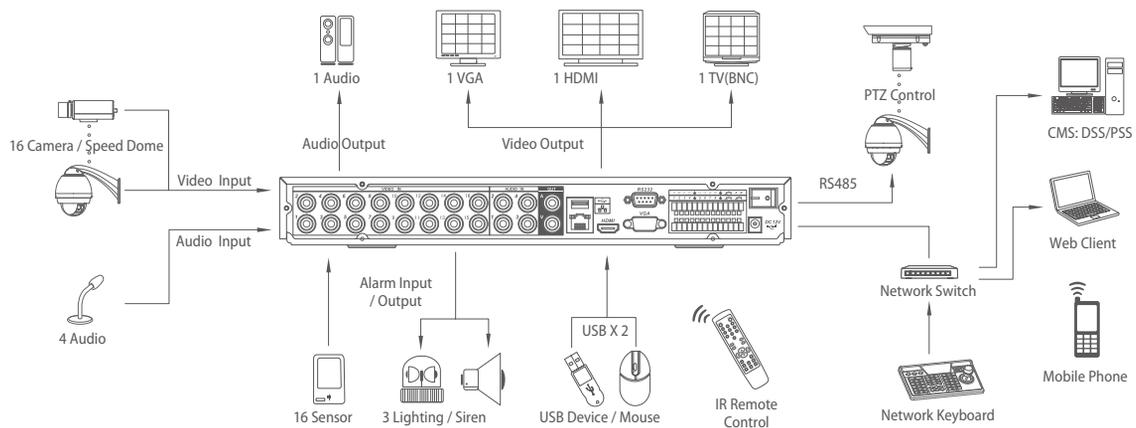


DVR-16LEA: 16 channel video inputs and 4 channel audio inputs. The 1st and 9th video channels can support max D1(4CIF) realtime recording and other channels can support CIF realtime recording. It can support VGA, HDMI and USB2.0.

Features

- 4/8/16 channels cost effective 1U standalone DVR
- Up to 4/8/16 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 Videosec 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



* Take DVR-16LEA for the example

Specifications

Model	DVR-04LEA	DVR-08LEA	DVR-16LEA		
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	4 channel, BNC(1.0Vp-p, 75Ω)	8 channel, BNC(1.0Vp-p, 75Ω)	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)	8 channel, BNC(200-2800mV, 30KΩ)	4 channel, BNC(200-2800mV, 30KΩ)	
	Output	Channel 1 for bidirectional-talk input synchronously 1 channel, BNC(200-3000mV, 5KΩ)			
Display	Display Split	1/4	1/4/8/9	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: D1/CIF/QCIF (1~25/30fps); Channel 2~4: CIF/QCIF (1~25/30fps), D1 (1~6/7fps)	Main Stream: Channel 1: D1/CIF/QCIF (1~25/30fps); Channel 2~8: CIF/QCIF (1~25/30fps), D1 (1~6/7fps)	Main Stream: Channel 1 & 9: D1/CIF/QCIF (1~25/30fps); Others Channel: CIF/QCIF (1~25/30fps), D1 (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.			
	Video Detection & Alarm	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output		
		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		3 channel			
Playback & Backup	Playback Channel	1/2/4/All			
	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			
Network	Ethernet	RJ-45 port (10/100M)			
	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	Hard Disk	1 SATA port, Max 2TB HDD supported			
	Space Occupation	Audio: 28.8MB/H, Video: 56~500MB/H			
	HDD Management	Hard disk hibernation technology, HDD faulty alarm			
Auxiliary Interface	USB Interface	2 ports, 1 for mouse control, 1 for backup			
	RS232	LAN keyboard, PC communication			
	RS485	PTZ control			
Environmental	Power Supply	AC 100~240 V, 50/60 Hz			
	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)			