

CHE-480LB Series

4/8/16-CH Real-time Standalone DVR



DVR

Model

- CHE-480LB-4** 4 channel audio/video/matrix model
- CHE-480LB-8** 8 channel audio/video/matrix model
- CHE-480LB-16** 16 channel audio/video/matrix model



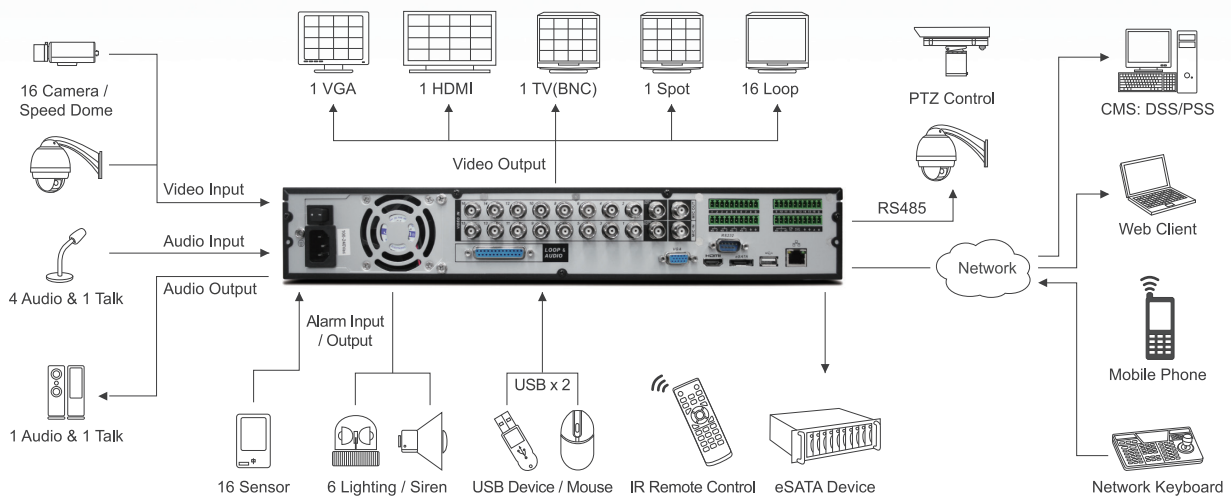
Note

- CHE-480LB-4** : Full D1 recording, 4 channel video inputs, 4 channel audio inputs, 4 channel loop outputs and 1 channel spot output with multi split display. It can support VGA, HDMI, eSATA, USB2.0 and 4 HDDs.
- CHE-480LB-8** : Full D1 recording, 8 channel video inputs, 4 channel audio inputs, 8 channel loop outputs and 1 channel spot output with multi split display. It can support VGA, HDMI, eSATA, USB2.0 and 4 HDDs.
- CHE-480LB-16** : Full D1 recording, 16 channel video inputs, 4 channel audio inputs, 16 channel loop outputs and 1 channel spot output with multi split display. It can support VGA, HDMI, eSATA, USB2.0 and 4 HDDs.

Features

- ❖ 4 / 8 / 16 channel full D1 1.5U standalone DVR
- ❖ Up to 4 / 8 / 16 cameras with full HD 1080P display
- ❖ H.264 dual-stream video compression
- ❖ Full channel D1 (4CIF) realtime recording
- ❖ HDMI / VGA / TV / Spot (BNC) synchronous video output
- ❖ Live, recording, playback, backup & remote access
- ❖ 16 channel simultaneous realtime playback & smart search
- ❖ Smart video detection : MD, camera blank, video loss
- ❖ 3D intelligent positioning with PTZ dome camera
- ❖ Easy backup : USB devices, CD / DVD-RW & network download
- ❖ Alarm triggering screen tips, buzzer, PTZ, e-mail & FTP upload
- ❖ Support 4 SATA HDDs & CD / DVD-RW, 1 eSATA, 2 USB2.0
- ❖ Built-in web server, multi-DVR client, DMSS & CMS

Connection



* Take CHE-480LB-16 for the example

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Specifications



Model	CHE-480LB-4 / CHE-480LB-8 / CHE-480LB-16		
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 / 8 / 16 channel, BNC (1.0Vp-p, 75Ω)	
	Standard	NTSC (525 lines, 60f/s), PAL (625 Line, 50f/s)	
	Output	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC (1.0Vp-p, 75Ω)	
	Loop Output	4 / 8 / 16 channel	
Audio	Input	4 channel, BNC (200-2800mV, 30KΩ)	
	Output	1 channel, BNC (200-3000mV, 5KΩ)	
	Bidirectional Talk	1 channel Input, BNC (200-2800mV, 30KΩ), 1 channel Output, BNC (200-3000mV, 5KΩ)	
Display	Display Split	CHE-480LB-4 : 1 / 4	
		CHE-480LB-8 : 1 / 4 / 8 / 9	
		CHE-480LB-16 : 1 / 4 / 8 / 9 / 16	
	Spot Split	CHE-480LB-4 : 1 / 4	
		CHE-480LB-8 : 1 / 4 / 8 / 9	
		CHE-480LB-16 : 1 / 4 / 8 / 9 / 16	
	Resolution	1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768, 800 x 600	
Tour Display	Support		
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
Recording	OSD	Camera title, time, video loss, camera lock, motion detection, recording	
	Video / Audio Compression	H.264 / G.711	
	Image Resolution	D1/4CIF (704 x 576 / 704 x 480) / HD1 (352 x 576 / 352 x 480) / 2CIF (704 x 288 / 704 x 240) / CIF (352 x 288 / 352 x 240) / QCIF (176 x 144 / 176 x 120)	
	Encoding Speed	Main Stream : D1 / HD1 / 2CIF / CIF (1~25/30fps) Extra Stream : CIF / QCIF (1~25/30fps)	
	Bit Rate	32~4096Kb/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 x 18), Sensitivity : 1~6 (level 6 is highest)
Video Loss & Camera Blank		Support	
Alarm Input		4 / 8 / 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 / Built-in SATA burner / 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, 4 HDDs or 3 HDDs + 1 CD/DVD-RW, Max 2TB per HDD supported	
	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	
	eSATA	1 port, Recording or Backup	
	RS232	Keyboard, PC communication	
	RS485	PTZ control	
Environmental	Power Supply	AC 100~240 V, 50/60 Hz	
	Power Consumption	25W / 30W / 40W	
	Working Environment	-10~+55°C / 10~90%RH / 86~106kpa	
	Dimension (mm)	1.5U, 440(W) x 460(D) x 68(H)	
	Weight	6.0KG (without HDD)	

* All Specifications / colors are subject to change without notice. (V.11)