

# CHE-0824L / CHE-1648L

H.264 Real-time DVR

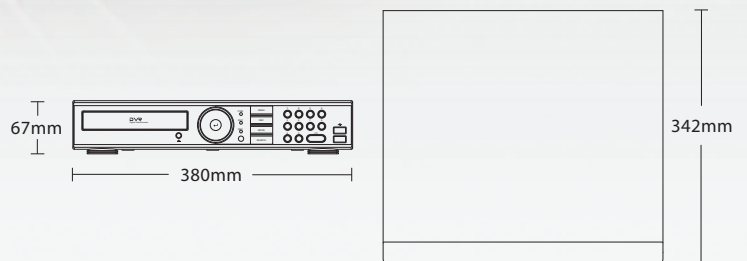


## Features

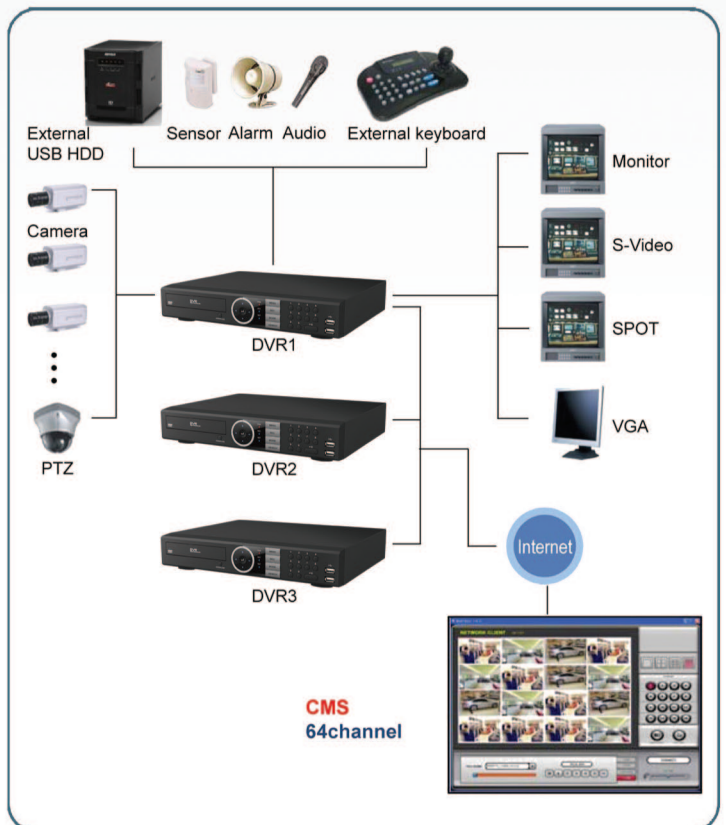
- ❖ **High frame recording system**  
Real-time Record 200(240)FPS / 400(480) FPS recording
- ❖ **Graphic user interface**
- ❖ **Smart recording**  
Private recording setup for event or emergent recording
- ❖ **HDD smart**  
Monitor HDD temperature status
- ❖ **Mirror Record**  
Support Internal / External HDD
- ❖ **Various DVR control**  
Front button, USB mouse, External keyboard, Remote controller
- ❖ **Mobile viewer**  
Support 3G Mobile Phone, iPhone (Free App.)
- ❖ **Big storage**  
2 Internal HDD + 4 External USB HDD
- ❖ **Auto time sync & Daylight saving time**
- ❖ **Easy firmware upgrade**  
Can be upgrade via USB memory, Lan, NetCMS.  
Emergent system upgrade for system recovery
- ❖ **User management**  
Register Admin user + 4 guests
- ❖ **Digital Zoom**
- ❖ **Strong Network**  
Web-client / NetCMS
- ❖ **PTZ control**  
Support various protocol (Pelco\_D/P,...)  
Support Preset function
- ❖ **Full audio recording**
- ❖ **Built in DVD writer, Jog shuttle**
- ❖ **Watermark verify function**



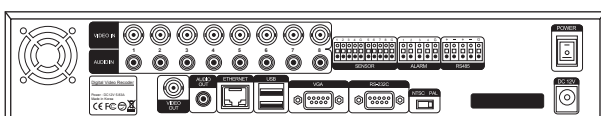
## Dimensions



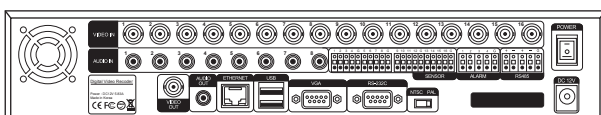
## System Configuration



## Rear Design



CHE-0824L



CHE-1648L

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H.264 Real-time DVR



## Specifications



Model no.		CHE-0824L		CHE-1648L		
Video	Input	Composite	8	16		
	Output	Composite	1	1		
		VGA	1	1		
Audio	Input	RCA	8	16		
	Output	RCA	1	1		
Record	Compression	Video	H.264			
	Format	Audio	G.723			
	Resolution		NTSC : 720 x 480(D1), 720 x 240(HD1), 360 x 240(CIF) PAL : 720 x 576(D1), 720 x 288(HD1), 360 x 288(CIF)			
	Frame Speed	CIF	240 / 200 fps	480 / 400 fps		
		HD1	240 / 200 fps	240 / 200 fps		
		D1	240 / 100 fps	120 / 100 fps		
Record Mode		Manual, Continuous, Schedule, Motion, Sensor				
Mirror Record		Internal / External HDD				
Live Display	Resolution		1280 x 1024 / 1024 x 768 / 800 x 600			
	Display Speed		240 fps	480 fps		
	Display Mode		Single, 4, 9, PIP, Seq, POP	Single, 4, 9, 16, PIP, Seq, POP		
Event	Alarm Input (NC / NO)		8	16		
	Alarm Output		4	4		
	Motion Detection		64 Detection Areas Setup			
	Alarm Output Time		0 ~ 120 seconds			
	Pre-recording		0 ~ 30 seconds			
	Post-recording		0 ~ 120 seconds			
Playback	Search Mode		Time Search, Calendar Search, Event Search, First & Last File Search			
	Display Mode		Single, 4, 9	Single, 4, 9, 16		
	Play Mode		Play, Pause, Stop, 2X Digital Zoom, Fast Forward / Fast Reverse			
Backup	Interface		USB 2.0 (4 Ports)			
	Media		DVR-RW, External HDD, USB Memory Device			
Log Data Backup		Support				
Water Mark		Support				
HDD	Type		SATA			
	Internal		2 HDD			
	External		4 HDD			
Network	Control	Web-Monitoring	Live / Playback / Audio / PTZ control / Snapshot			
		NetCMS Software	Live / Playback / Audio / PTZ control / Remote backup / Remote firmware upgrade / Config upload / Config download / Recording setup / Remote reboot / Input of camera name / Log-view / Snapshot			
		Mobile Viewer	3G Mobile Phones (Typing IP address)			
	Protocol		Static IP, DHCP, ADSL(PPPoE), DDNS(dyndns.com / no-ip.com)			
Local	Control		USB mouse, Front panel, Remote controller, External keyboard			
Power Requirement		12V 5A				
Dimension(mm)		380(W) x 67(H) x 342(D)				
Weight		Approx. 4.5kg				

\* All Specifications / colors are subject to change without notice. (V.00)