

# CHE-1648L

H.264 Real-time 960H DVR



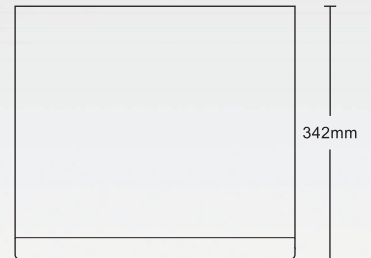
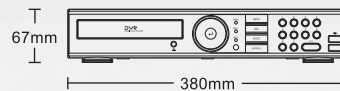
DVR

## Features

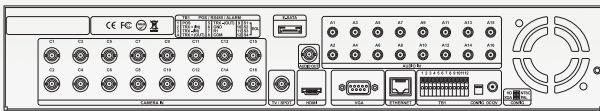
- ❖ H.264 compression
- ❖ HDMI, VGA outputs, and composite out (Live or Spot)
- ❖ Individual channel setup for recording & network stream (resolution / frame rate)
- ❖ Event text + image notification to FTP server and E-mail address
- ❖ Easy network : UPNP (Universal plug & play) support
- ❖ User control : Up to 20 users can be generated with various access authority
- ❖ Calendar / Time search & Thumbnail search & POS search
- ❖ Smart phone application (Live, PTZ, Search)
- ❖ E-SATA supported
- ❖ Mirror and auto-backup supported
- ❖ BNC programmable spot outs
- ❖ Up to 4 internal SATA HDD
- ❖ Optical Driver supported



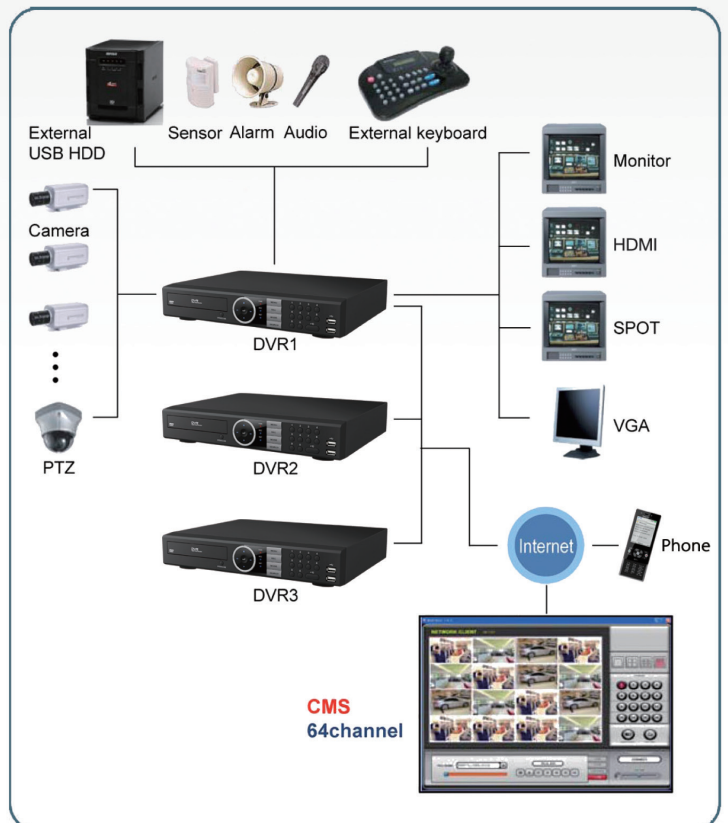
## Dimensions



## Rear Design



## System Configuration



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## Specifications



<b>Model</b>		CHE-1648L	
<b>Compression Algorithm</b>		Video : H.264, Audio : G.726	
<b>Operating System</b>		Embedded Linux	
<b>Multi-Operation</b>		Pentaplex (Live, Recording, Playback, Backup, Network)	
<b>Video</b>	<b>Input</b>	<b>BNC</b>	16 CH
	<b>Output</b>	<b>HDMI</b>	1
		<b>VGA</b>	1
		<b>Composite</b>	1 (Spot or Live)
<b>Audio</b>	<b>Input</b>	<b>RCA</b>	16
	<b>Output</b>	<b>RCA</b>	1 (HDMI, RCA)
<b>Interface</b>	<b>USB 2.0</b>		2
	<b>RS-485</b>		1
	<b>E-SATA</b>		1
	<b>Ethernet</b>		1
	<b>Sensor Input</b>		4
	<b>Alarm Output</b>		1 Relay
	<b>SATA</b>		Max. 4 x SATA HDD or Max. 2 x SATA HDD + ODD
	<b>Live</b>	<b>Resolution</b>	
<b>Display Mode</b>		1, 4, 9, 16	
<b>Digital Zoom</b>		Up to x 10	
<b>Recording</b>	<b>960 x 480 (960 x 576)</b>		Up to 480(400)fps
	<b>704 x 480 (704 x 576)</b>		Up to 480(400)fps
	<b>352 x 240 (352 x 288)</b>		Up to 480(400)fps
	<b>Max.fps/ch</b>		30(25)fps/CH
	<b>Mode</b>		Manual / Continuous / Schedule / Motion / Sensor & Pre/Post, Panic
	<b>Pre-alarm</b>		0 ~ 30 seconds
	<b>Post-alarm</b>		0 ~ 120 seconds
<b>Playback</b>	<b>Search</b>		Search by Time, Calendar, Events, Thumbnail and First/Last Search
	<b>Speed</b>		1x, 2x, 4x, 8x, 32x, 128x
<b>Backup</b>	<b>Backup Device</b>		USB Memory Stick/HDD, DVD-RW & Backup by Network
	<b>Backup File Format</b>		AVI (With or Without Timestamp), PS (Playback in Backup-Viewer)
<b>Events &amp; Alarm</b>		Email & FTP Notification / Alarm-out / Buzzer for Events & Video Loss Warning Message & Buzzer for HDD Over-Temperature	
<b>Network</b>	<b>Transmission</b>		Video Dual-Stream (Local recording & Network Transmission) Bandwidth adjustable (64/128/256/512Kbps, 1/2/4/10Mbps, Unlimited)
	<b>Netclient / Web (I.E.)</b>		Live, Playback, Backup, PTZ, DVR Setup
	<b>Mobile Viewer</b>		Supported by Android OS, iOS (iPhone)
<b>Power</b>		DC12V 5A	
<b>Dimension (mm)</b>		380(W) x 67(H) x 342(D)	
<b>Weight</b>		5.5 kg	

\* All Specifications / colors are subject to change without notice. (V.03)