Quick Manual
Digital Video Recorder

1. Getting Started

1.1 Checking Supplied Items

Make sure that you have following items supplied with your DVR. If any of these items is missing or damaged, notify your vendor immediately.
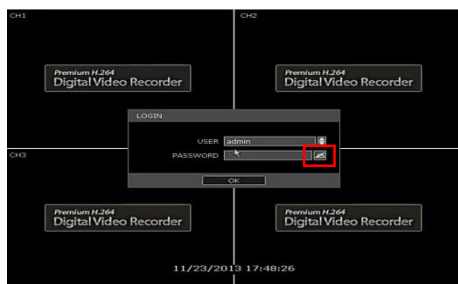
- Quick Manual   :   1 Piece
- CD (User Manual & Software)   :   1 Piece
- 12V D/C Adaptor & Power Cable   :   1 Set
- IR Remote Controller   or USB Mouse :   1 Piece
- Rubber Mount   :   1 Set

NOTE	**1) Refer to the [Separate Manual] on CD for functional explanation of Front Panel, Rear Panel and IR Remote Controller.** 2) The type of IR Remote Controller may differ depending on the DVR model.

1.2 User Login

1) After turning on the system, login window will show up.

2) Click the keyboard icon to call virtual keypad and input password.

   Default USER ID and PASSWORD are "ADMIN" and "1234". Admin user is to fully control the DVR system.

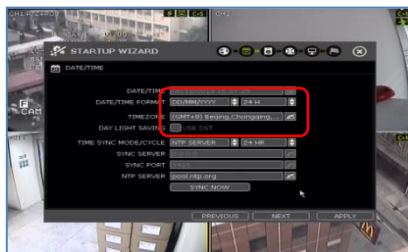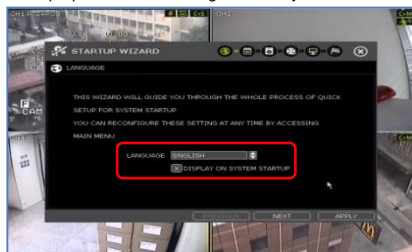3) Click [**OK**] to finish login process.

1.3 Startup Wizard

At the first startup, Startup Wizard will pop up automatically. User can open Startup Wizard screen at any time by clicking **Startup Wizard** in tool bar.

1) Language and Date/Time

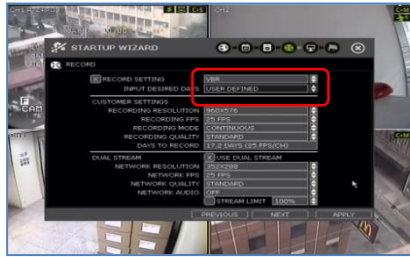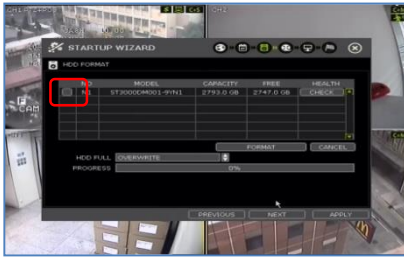Select Language based on your region.
Set a proper time/date setting based on your time zone.

2) HDD Format and Record Setting
User has to format new HDD before use. Select the HDD to format.

<div align="center">2</div>

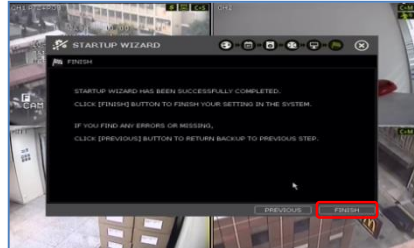User can simply set resolution / fps / quality for all channels.

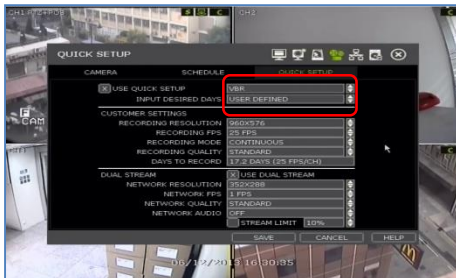| NOTE	**Click [CHECK] button of each HDD to open the window of DVR HEALTH CHECK. User can see full information of each HDD such as model name, serial no., capacity, bad sector ratio, life time (used time) and temperature.**

3) Network Setting and Finish
   Select the Network Type and input IP Address and corresponding setting for DVR.
   Then click **FINISH** to exit Startup Wizard.

1.4   Quick Setup

Quick Setup is to help user make easy configuration for recording resolution, recording speed, recording mode, recording quality and recording periods based on the capacity of HDD installed.

1) Go to Tool Bar [**MENU** > **RECORD** Setup] and select [**QUICK SETUP**]

2) Input [**Desired Days**], then the system optimally adjusts full setting values and shows "Recordable Period" based on the capacity of HDD installed.

⚠ **CAUTION !**
Recordable period calculated by Quick Setup is just for reference and may vary depending on the actual site situation.

Advanced Features

● **ezP2P Cloud Service**
● **Startup Wizard**
● **Typical PUSH Function**
   ✓ **Push Video Call to Smart Phone**   ✓ **Push Network Connection under Sensor Event**
● **Image Backup at both Local and Remote Side (S/W & Web I/E)**
● **Instant Recording (Emergency Recording)**
● **Network Bandwidth Control**
● **Integrated Network Solution**
   ✓ **CMS**   ✓ **MobileViewer**   ✓ **IE Web Browser** ✓ **ezP2P, ezLink, BackupPlayer**
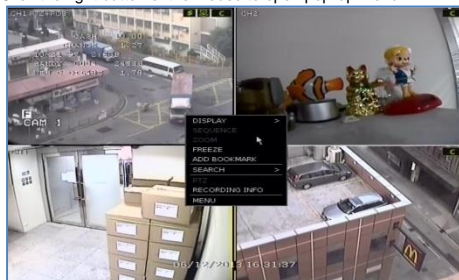
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2. System Operation

2.1 Using Tool Bar

Move the mouse cursor to the low part of the screen to open the hidden Tool Bar. Then, it shows system setting menu such as **MENU, STARTUP WIZARD, DISPLAY, PTZ, EMERGENCY RECORD, BACKUP, PLAYBACK, SEARCH** and **SHUTDOWN**.

Icon on Tool Bar	
	System Menu
	Startup Wizard
	Display Mode
	Control PTZ Camera
	Emergency Record
	Back Up Video Data
	Playback Video
	Search Video Data
	Shutdown/Reboot of DVR

2.2 Using Pop-Up Menu

Click the right button of the mouse to open pop-up menu.

DISPLAY
> Select channel display mode
SEQUENCE
> Sequentially change display screen
ZOOM
> Digital zoom of live image
FREEZE
> Pause live image
ADD BOOKMARK
> Add current image to bookmark
SEARCH
> Search the recorded image
PTZ
> PTZ mode
 RECORDING INFO
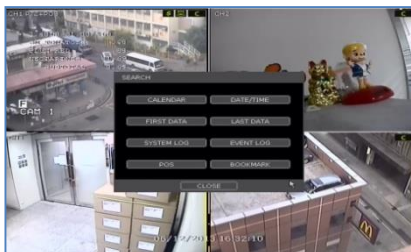> Show Recording status of DVR
MENU
> Main menu for system setting

2.3 Display Mode

User can select display mode by using tool bar or pop-up menu. The images can be seen on real-time speed by 1, 4, 9, 16 split screen.

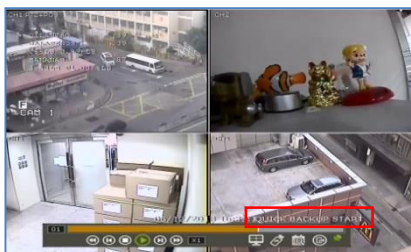| Icon on Each Channel Screen		Icon on Main Screen	
C	Continuous Recording	HDD	No HDD or HDD Failure
M	Motion Recording	E-REC	Emergency Recording
S	Sensor Recording	PTZ	PTZ Mode
C+M	Continuous & Motion	CHECK FAN	Warning for Overheated Temp
C+S	Continuous & Sensor	SEQ	Sequence Mode
M+S	Motion & Sensor	ZOOM	Digital Zoom Mode
	Sensor Activated		
	Motion Detected		
	Audio Channel		
$	POS		

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2.4 Search and Playback Mode

User can click the Playback / Search icon on the Tool Bar to playback the latest video clip and search the recorded image by selecting the date & time on calendar.

2.5 Quick Backup Mode

User can easily archive video image under playback mode.

1) Once press [ENTER] button on the front panel to set "start" time, "Quick Backup   Starts" message is shown on the screen.
2) Press the same [ENTER] button again to set "end" time.
3) Backup window will show, then, select the backup media like USB CD/DVD or USB thumb drive and execute archiving.

| NOTE | [HELP] button can help you understand how to setup several important settings. |

3.   System Setting

The structure of system setting consists of 6 categories as below.

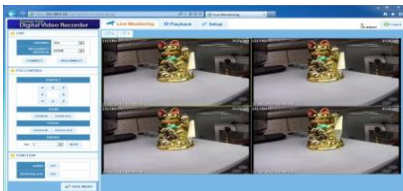| Main Classification	Sub Classification	Main Classification	Sub Classification
SYSTEM	INFORMATION	RECORD	CAMERA
	USER		SCHEDULE
	DISPLAY		QUICK SETUP
	HDD	NETWORK	NETWORK
	CONFIGURATION		DDNS
DEVICE	CAMERA		NOTIFICATION
	AUDIO		MOBILE PUSH
	PTZ		P2P CLOUD
	POS	BACKUP	BACKUP
	KEYBOARD		
EVENT	SENSOR		
	MOTION ALARM		
	EXTRA ALARM		

4. Web Operation by M/S I/E

The system is equipped with built-in web server, thus, user can be connected to the system by ordinary web-browser for live monitoring, playback or remote configuration.
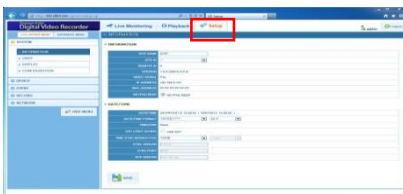

[Setting in IE Web browser]

1) Input IP address or mac address.
   (ex, http://001c84381f2d.cctv-link.net.)

2) Input user ID and password in Login Page.
   After login, download & install ActiveX file.

   Default USER ID and PASSWORD are "admin" and "1234", respectively.

[Web Monitoring & Playback]

1) Click [Web monitoring] or [Playback] button in the right-top corner of the window.

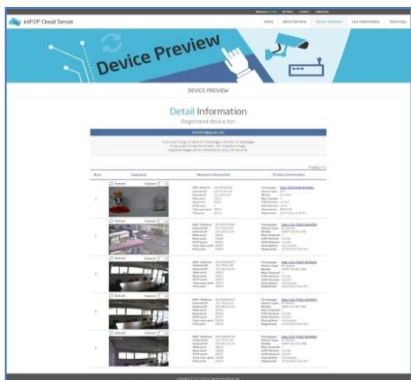2) Select the number of channel or select [All Channel], and then click [CONNECT] Button.

[Remote Configuration]

1) Click [Setup] button top of the window.

2) User can remotely make full setting of the system.

   This Web Configuration is available to [admin] user only.

5. ezP2P Cloud

ezP2P Cloud Service is a cloud-based video management system without any complicated network setting. It is so simple !
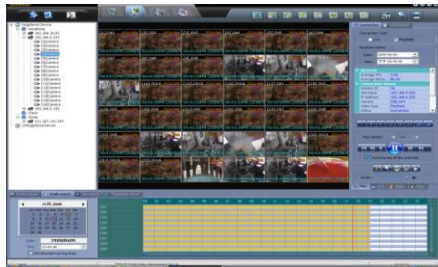

1) Create your own account at ezP2P Cloud Server (www.ezp2p.com)

2) Connect your DVR to internet, and turn on ezP2P Service in Network Setup Menu.

3) Login ezP2P Cloud Website. You can preview thumbnail image of each registered DVR and enjoy instant live monitoring by just one mouse click.

6. Remote Software

CMS (Windows O/S Based Software)

CMS (Central Management System) is a powerful centralized management solution that offers user full flexibility to control the entire system over the network, and consists of 4 functional modules, **System Monitoring, Image Display, E-Map and System Configuration**.

- • **Max. 180 Channel Real-Time Monitoring**
- • **Up to 5 Monitors on a Single P/C Workstation**
- • **Schedule Backup over Network**
- • **Cloning Features to Create the Separate Windows.**
- • **Multi-Layer E-Map Editor**

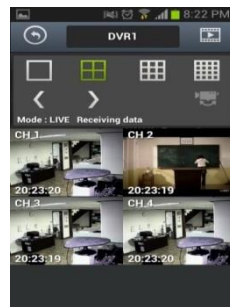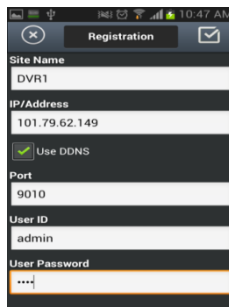| NOTE	For detailed information, refer to the User Manual of CMS.

7. MMS (Mobile Viewer by Smart Phone)

MMS is the mobile viewer software that allows user to view video image from the DVR on the mobile phones. By installing the corresponding MMS software on mobile phone, user can view live and playback video image through Wi-Fi or Dial-up Network.

7.1 iPhone, iPad & iPod Touch

MMS software for iOS is registered at "App Store in USA", hence you have to get your Apple account registered at same App Store in USA for download software [SmartViewerPro].

7.2 Google Android Phone

MMS software for Google Android Phone is registered at "Play Store". Download [SmartViewerPro] software from this site and install it on your phone.

(iPhone)   (Android Phone)

NOTE	For detailed information, refer to the User Manual of SmartViewerPro.

One-Stop Digital Security Solution