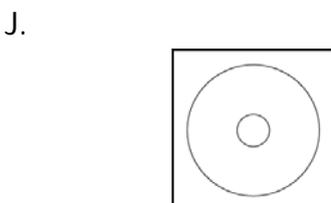
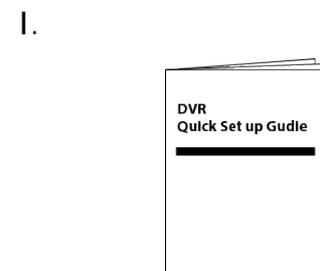
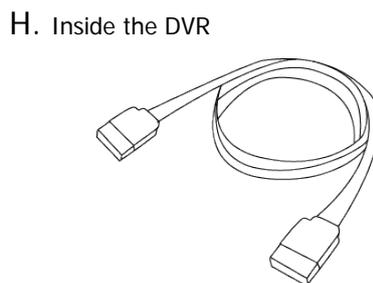
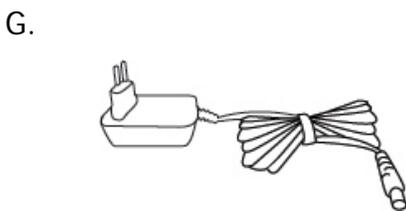
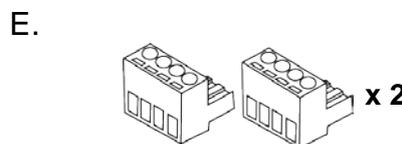
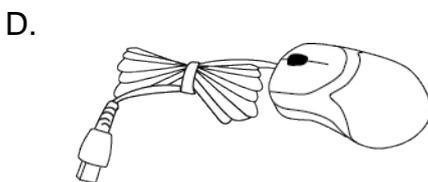
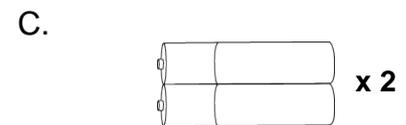
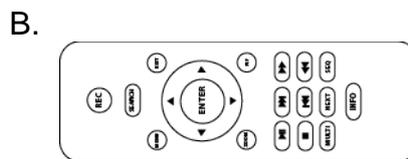
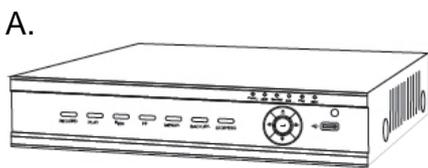


Full D1 Realtime H.264 DVR – 4 CH. Quick Setup Guide

PACKAGE CONTENTS

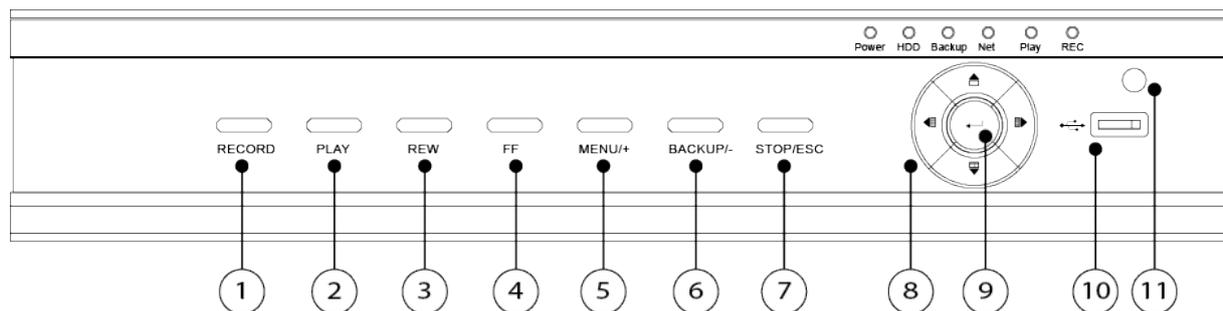
- A. One (1) DDR-04 DVR
- B. One (1) Remote Controller
- C. Two (2) AAA Battery for Remote Controller
- D. One (1) USB Mouse
- E. Two (2) 4 Screw on Terminal Connector
- F. Four (4) Hard Drive Screws
- G. One (1) 12V DC / 2Amp Power Adapter
- H. One (1) SATA Cable Inside DVR
- I. One (1) Quick Set up Guide Book
- J. One (1) User's Manual & CMS Software CD



***Note: Any Return Must Include All Components.
Missing Components will be charge.
We highly recommend installing a UPS Battery Backup System to avoid
power failure restore damage to Hard Drive & motherboard.**

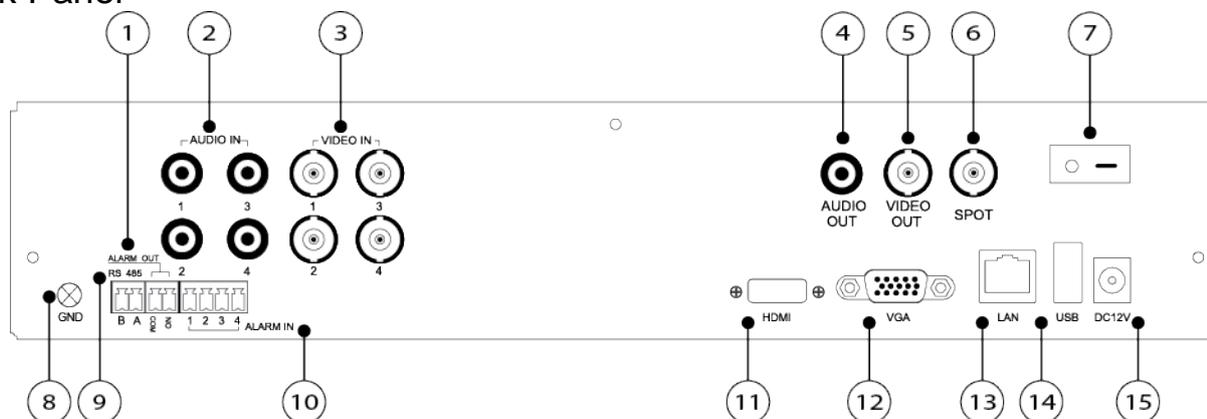
Panel Definition

1. Front Panel



Item #	Label Name	Function
1	REC / FOCUS	Manual record / focus adjustment(PTZ)
2	PLAY / IRIS	Enter Playback/ iris adjustment (PTZ)
3	REW / SPEED	Fast rewind on playback mode / speed adjustment (PTZ)
4	FF / P.T.Z.	Fast forward on playback mode / enter PTZ mode
5	MENU / +	Enter menu page / increase value
6	BACKUP / -	Enter backup page / decrease value
7	STOP / ESC	Stop playback on playback mode / Exit menu or jump back to previous page
8	Split / Direction Key	Switch split / Move selected item
9	Enter	Validate action
10	USB	Connect USB thumb drive or mouse
11	IR Indicator	IR Remote receiver

2. Back Panel

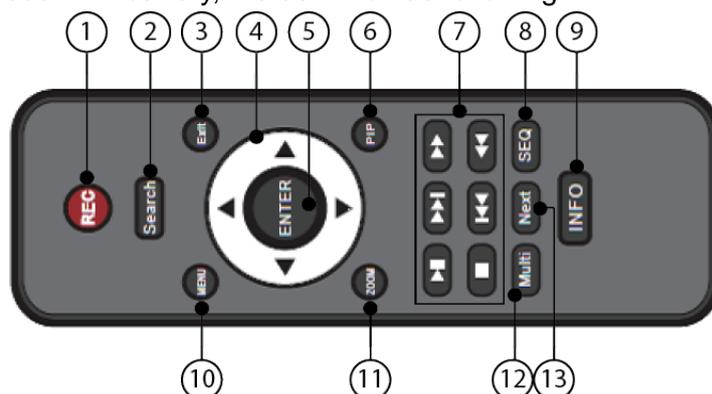


Item #	Label Name	Function
1	ALARM OUT	1-ch relay output. Connect to external alarm
2	Audio in	4 CH Audio input
3	Video in	Video input channels from 1-4
4	Audio out	Audio output, connect to the sound box
5	Video out	Connect to monitor
6	Spot out	Connect to monitor as an AUX output channel by channel. Video would be displayed without OSD.
7	Power Switch	Power on/off
8	GND	Grounding
9	RS485	Connect to speed dome or keyboard
10	ALARM IN	Connect to external sensor 1-4
11	HDMI port	Connect to high-definition display device
12	VGA port	VGA output, connect to monitor
13	LAN	Network port
14	USB port	To connect external USB devices like USB flash, USB HDD or USB mouse. Recommend using for USB mouse
15	DC12V	POWER INPUT

Control Option

1. Remote Controller

- ◆ This remote control use AAA battery, the definition as following:



Item #	Button	Function
1	Record Button	To record manually
2	Search Button	To enter into search mode
3	Exit Button	To exit the current interface
4	▲◀▶▼ Direction button	To move cursor in setup or pan/title PTZ
5	Enter Button	To confirm the choice or setup
6	PIP Button	To enter into picture in picture setting mode
7	▶▶ ◻ ◀◀ ▶▶ ◀◀ ▶▶	To control playback. Play/Pause/Stop/Previous Section/Next Section/Rewind/Fast Forward
8	SEQ	To enter into auto dwell mode
9	Info Button	Get information about DVR like firmware version, HDD information
10	Menu Button	To enter into menu
11	Zoom Button	To zoom in the images
12	Multi Button	To choose multi screen display mode
13	Next Button	To switch the live image

- ◆ Switch Remote Control ID

1. Take remote control and point to DVR then continuously press “8”, “8”, “ID(0-65535)”, “Enter”.
2. Make change on DVR ID Setting,
Go to “**SYSTEM MENU**” > “**DEVICE ID**” to make change
* The ID must be the same on DVR.
* For example: If ID=1 ,
Please take remote control and point to DVR then press **8,8,1,Enter**.
Then go to “**SYSTEM MENU**” > “**DEVICE ID**” change the **ID=1**

2.3 Mouse Control: **REQUIRED**

- ◆ Connection: Recommend to connect the USB mouse to the back panel.

- ◆ Mouse functions:

- 1) Under LIVE mode :

On every channel, you could double click the left button to switch FULL SCREEN and double click again to switch back to original split mode.

On every channel, you could single click right button to popup MENU page.

- 2) Under MENU page :

Single click left button on any functional icon could enter the function page and Single click right button to exit function page or jump back to previous page.

If you want to key in letter or digit, please move mouse to textbox then single click left button on textbox. The OSD keyboard will pop up as following,



- 3) Under Backup mode:

Single click left button to select item, single click right button to jump back to previous page.

- 4) Under PTZ mode:

Single click left button to operate PTZ function, single click right button to jump back to previous page.

Wizard setup

1. Wizard for language and time setup



Device Name: to set a name of DVR.
 Language: to set a proper language.
 Date Format: to set a proper display format of time.
 Time Format: to set 24 hour or 12 hour format to display.
Time Zone: to set proper time zone (GMT-8: Los Angeles)
 * Caution: Please make sure to set time zone correctly. To prevent getting different time stamps between local and remote site.
 System Date: to set current system date time.
 Please click "next" to next wizard process.

2. Wizard for Record setup



You can setup record frame rate and quality for each channel and change record resolution.
 Adjustable parameter as following,
 Resolution: CIF, HD1 or D1
 Frame rate: *Number of channel.resolution@NTSC frame rate (PAL frame rate)*
4 CH 4CIF@30(25) 4HD1@30(25) 4D1@30(25)
 Quality: Highest/ Higher/ Normal/ Low/ Lower/ Lowest
 If you want to change all channel setup at once, please click "All" then setup resolution, frame rate and quality at right hand side.
 Please click "next" to next wizard process.

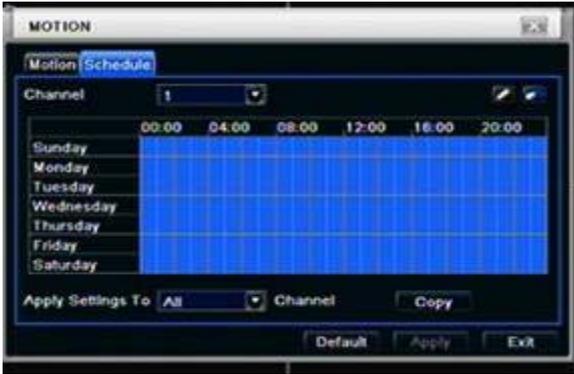
2.1 Motion Detection Recording:

Motion Detection Recording: Enter Main Menu → Setup → Alarm → Motion



Enable the Channels to turn on Motion Detect Record.
****Motion Schedule Default:** is set to Full Time motion recording on all channels.

If Schedule Motion Recording needs to be changed:



To modify motion recording schedule click on the **pencil icon** located on the upper right of the screen, then click on desired days and times to schedule recording when motion trigger. If same schedule apply to all channels. After highlighting desired squares apply settings to **“All” Channel**, click **“Copy”** and click **Apply to save setting. To Enable full time motion Recording**, highlight the entire **Blue Grid**.

2.2 Full Time Recording :

- 1. Press **“Record”** Button on the front panel of the DVR. Green box will appear on screen to confirm that manual recording is enabled. Press **“Record”** Button again to stop recording.

OR Right click on main screen and select **“Record”**.



Note: Definition of Holding Time (on motion detect setting) :

After motion record is activated and there is **NO** activity within 10 seconds this will be handled as one event. Otherwise if there **IS** activity within that time frame it will continue recording.

Note: Change Daylight Savings on the first week of March and second week of November.

3. Wizard for HDD setup



You can format HDD by using **“Format”** function. After HDD format completed, it will show **“Normal”** label on status.

*** Please make sure to backup all HDD data before you format the HDD. All HDD data will be erased after HDD formatted. Please click “Finish” to get into login page.**

Network Setup: Static IP Address & DDNS

Part 1. Static IP Address

1. Enter Main Menu screen by pressing the **MENU** button on the front panel of the DVR.
Then enter password "123456" and click Login



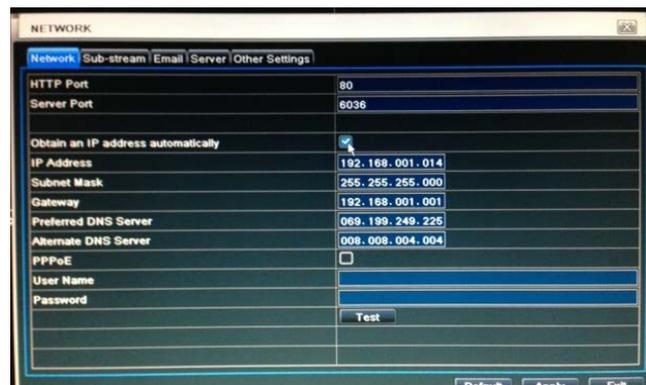
2. Select **Setup**.



3. Select **Network**.



4. Select "**Obtain an IP address automatically**," turn on this feature.
Then Select **Apply** at the bottom of the screen to restart the network.
This will generate a new IP Address.
(Make sure Ethernet Cable is plugged in)



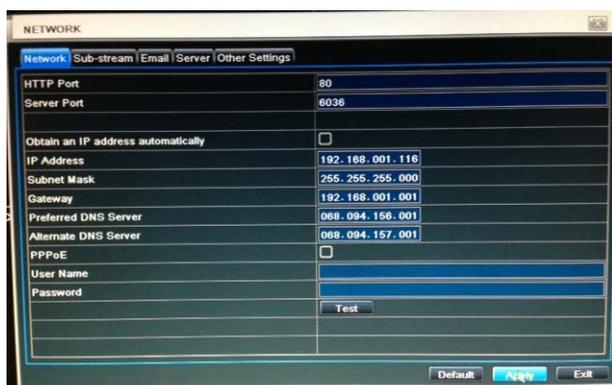
5. After **Apply**, the IP Address, Netmask, Gateway, and DNS addresses should automatically be generated.

***For STA**

TIP: Write down HTTP Port, Server Port, and IP Address on a piece of paper for reference. You will need these numbers later in the installation.

TIP: If you do not know a DNS address and the DVR did not populating those fields by itself, try 8.8.8.8 and 8.8.4.4. These are Google's public DNS addresses, and in addition to working well.

6. Uncheck "**Obtain an IP address automatically**" to turn off this feature and make IP Address stay the same.
Then click **Apply**.



Continued For DDNS
Set up ➔ **Part 2**

Part 2. DDNS

1. Continue Part 1: Select “Other Setting” from the Tab bar and turn on DDNS.



2. Select DDNS Type and pick one website from the given field to register your Host Domain Name.

TIP: We recommend using www.dvrdydns.com, www.dynddns.us, and www.no-ip.com because they are free.

3. Using your Internet Browser, go to that website you selected and **REGISTER** to obtain User Name, Password, and Host Domain information to setup DDNS for your DVR.

TIP: Write down Name, Password, and Host Domain information for reference to use later in installation.

Step 1

Welcome to DvrDydns

Enter your user name and password. Choose logon to continue.

Enter your user name and password below.

USER LOGON	
USER NAME:	<input type="text"/>
PASSWORD:	<input type="password"/>
Password is case sensitive.	
<input type="button" value="Logon"/> <input type="button" value="Reset"/>	

[Forgot your password?](#)

Step 2

Welcome to DvrDydns

Create a user account or choose existing users below to begin.

DDNS account creation.

NEW USER REGISTRATION	
USER NAME	<input type="text" value="okinausa"/>
PASSWORD	<input type="password" value="*****"/>
PASSWORD CONFIRM	<input type="password" value="*****"/>
FIRST NAME	<input type="text" value="testing"/>
LAST NAME	<input type="text" value="testing"/>
SECURITY QUESTION	<input type="text" value="My first phone number."/>
ANSWER	<input type="text" value="testing"/>
CONFIRM YOU'RE HUMAN	<div style="border: 1px solid black; padding: 2px; display: inline-block;">772343</div> New Captcha <input type="text" value="772343"/> Enter the text you see above
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	

Step 3

My Domains

Your domain names are listed below. Choose create new domain to add additional domain names.

Search by Domain: Click a name to edit your domain sett

NAME	STATUS	DOMAIN
OKINAUSA		okinausa.dvrdydns.com

Last Update: Not yet updated IP Address: 69.199.249.226

Create additional domain names

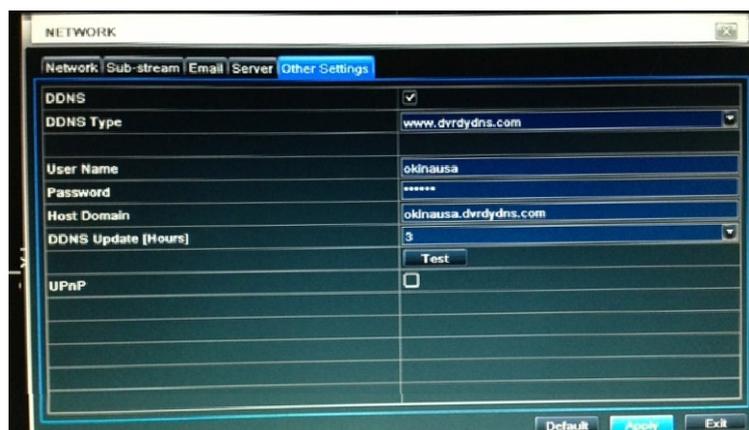
- Download our automated IP update software for Windows.
- Download ddclient a free Perl based IP Updater for Linux/Unix systems. A simple configuration file can be found [here](#).

Tip: When using other DDNS websites you may be required to enter your external IP Address to register your Host Domain Name.

- To find your external IP Address use this website:

<http://www.whatsmyip.net>

4. Now enter User Name, Password, and Host Domain that you wrote down earlier and click Test - After Test passes, then click **Apply** and **Exit**.



TIP: The DDNS URL will always be in the form of <hostname>.dvrddns.com

If you are unable to access the DVR from the internet using the DDNS URL, but the IP works, please double check that you have the DDNS URL correctly typed

5. Finally, you will need to set port forwarding on your internet-facing router/gateway to direct port 80 traffic to the DVR. Also you will need to port forwarded your server port 6036 to stream video and audio as well. Locate the page in your router settings to set port forwarding (may also be labeled "firewall").

HTTP Port: Port for IE connection. (Default is 80)	80
Server Port: Port for video and audio streaming. (Default is 6036)	6036
Incoming Port Range (advance)	80-80 (or alternative if port 80 is being used)
Forward Port (advance)	80, 6036
IP	Your DVR's internal IP, typically 192.168.x.x
Protocol (advanced)	TCP & UDP

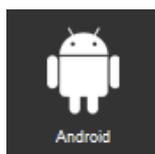
TIP: Some consumer router/gateway devices may present the firewall settings as a list of services to forward. In this case, consult the manual for settings for creating a custom service and use the above values. For router/gateway devices provided by your ISP, please contact your ISP technical support.

DDNS Hosting Server

Item #	DDNS Server Website	Notes
1	www.dvrddns.com	Recommended, Free Log In or Create a FREE account to start monitoring this domain name.
2	www.no-ip.com	Recommended, Free for entry level service . Enhanced Domain membership for more features is available but is charged. Visit website for more information.
3	www.dyndns.us	Recommended, Free Log In or Create a FREE account to start monitoring this domain name.
4	www.meibu.com	It's a Chinese website, Free for second- level domain names, but the website will verify your information.
5	www.dyndns.com	\$15/year.

* Note: For further assistance regarding technical support and more details, please visit DDNS Server Website.

Mobile App: Super Live Pro



*Please check specification sheet on the User's Manual.

**Quick Setup Guide & User's Manual are subject to change without notice.