



SETTING UP YOUR DIGITAL VIDEO RECORDER (DVR)

STEP 1

* This set-up guide assumes you are connecting cameras (not included with this system) to the Digimerge DVR. Consult your DVR's owners manual for alternative DVR connection's and/or information to install a hard drive.

- 1** Connect the cameras (not supplied) to the CH1, CH2, CH3, CH4 Video Inputs (BNC Inputs)



BACK OF THE DVR

- 2** Connect one end of the Power Cord to the DVR; the other end to an electrical outlet



BACK OF THE DVR

- 3** Ensure to turn ON the power switch (located at the front of your DVR)



FRONT OF THE DVR

Your system is now ready to use. Refer to your DVR's owner's manual to learn how to record, playback, use the search features and all other features available with this system. Refer to Step 4 for Setting Up Remote Security Monitoring.

The number of cameras displayed on submenus will change based on the model of DVR: 4, 8, or 16 channel versions.

NOTE: YOU WILL REQUIRE PASSWORD TO ACCESS CERTAIN MENU. THE DEFAULT PASSWORD IS 00000000



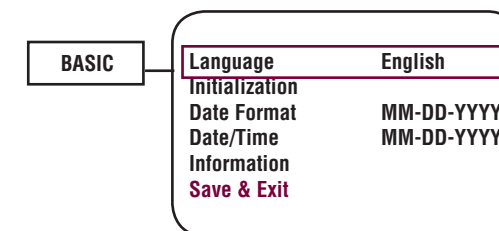
SETTING UP YOUR DIGITAL VIDEO RECORDER (DVR)

STEP 2

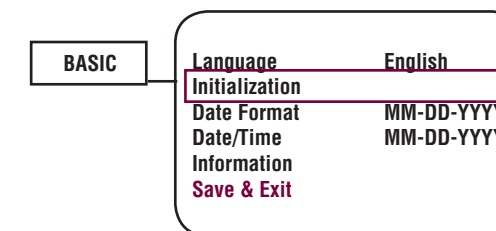
BASIC SETUP – SETTINGS FOR GENERAL PARAMETERS CHECK YOUR OWNERS MANUAL FOR DETAILED INFORMATION.

Press Menu button & select SYSTEM SET to do the BASIC SETUP of your DVR

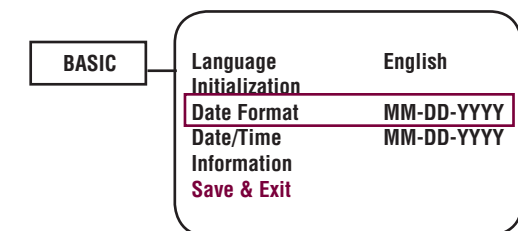
- 1** **Language** – Displays the current default language on the DVR (English by default).



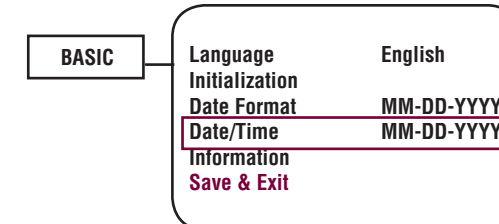
- 2** **Initialization** – Resets all settings to Factory Default



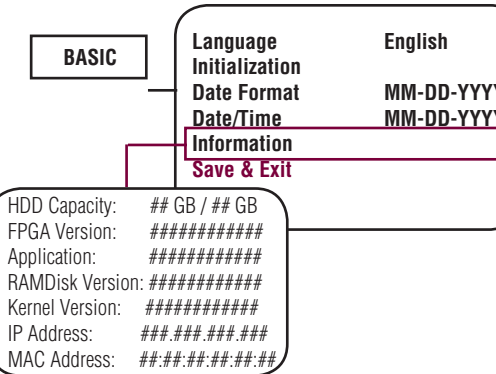
- 3** **Date Format** – Configures Date Display on the DVR



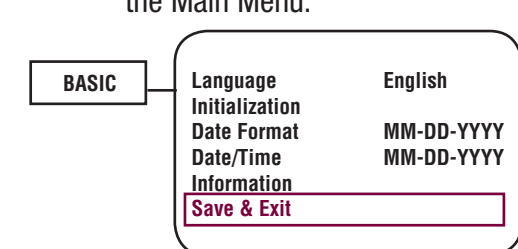
- 4** **DATE/TIME** – Sets the Date and Time for the unit.



- 5** **INFORMATION** – Displays System Information



- 6** **SAVE & EXIT** – Saves any changes made, and exits to the Main Menu.



ALWAYS REMEMBER TO SAVE YOUR SETTINGS PRIOR TO EXITING THE MENU

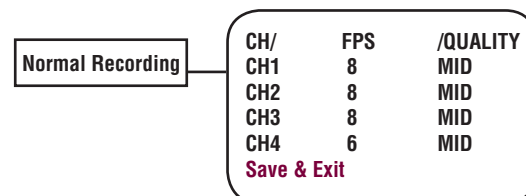


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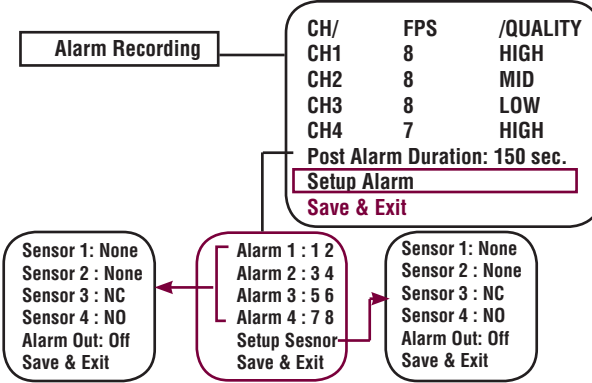
STEP 3

CAMERA AND RECORDING SETUP – SETTINGS FOR GENERAL PARAMETERS. PRESS MENU BUTTON & SELECT RECORDING SET FOR CAMERA & RECORDING SETUP.

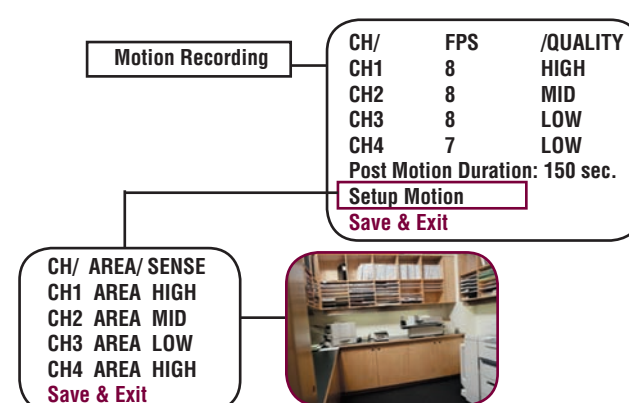
- 1** **Normal Recording** – Controls the settings for Manual Recording



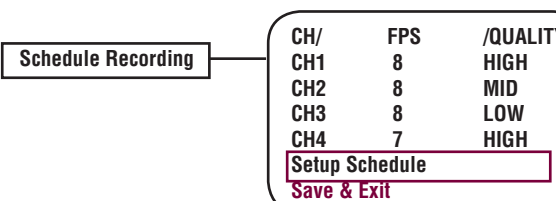
- 2** **Alarm Recording** – Sets Alarm settings for your DVR



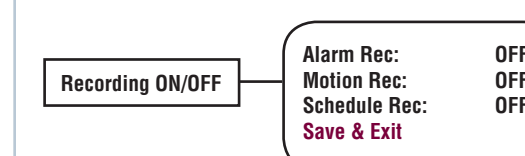
- 3** **Motion Recording** – Configures for Motion Sensor events



- 4** **Schedule Recording** – Configures for Scheduled events



- 5** **Recording ON/OFF** – Controls the Recording for Event Types



- CH1 - CH4: Lists all available cameras for configuration. Press the ↑ and ↓ buttons to highlight, and press the ←→ buttons to select the FPS or Quality for each CH. Use the ↑ and ↓ buttons to change the settings, and press SEL to accept the changes.
- FPS: A set number of Frames Per Second (total) is divided between all available cameras based on Resolution settings.
- QUALITY: Set the quality level for the recording - High, Mid or Low.
2. **SAVE & EXIT:** Saves any changes made, and exits to the Main Menu. Press the ↑ and ↓ buttons to highlight, and press the SEL button to accept the changes.

- CH1-CH4: Lists all available cameras for configuration. Press the ↑ and ↓ buttons to highlight, and press the SEL button to select the CH#. Use the ↑ and ↓ buttons to change the FPS and Quality settings.
- FPS: A set number of Frames Per Second (total) is divided between all available cameras based on Resolution settings.
- QUALITY: Set the quality level for the recording - High, Mid or Low.
2. **POST ALARM:** Set the duration that the alarm will continue once detected: 5, 30, 60, 90, 120, 150, 180, 210 or 240 seconds.
3. **SETUP ALARM:** Configuration sub-menus for Alarm and Sensors. Press the ↑ and ↓ buttons to highlight, and press the SEL button to access the Alarm Submenu. Use the ↑ and ↓ buttons to choose the cameras to be associated to each alarm.
4. **SETUP SENSOR:** Configuration for any Sensors attached to the Alarm block. Press the ↑ and ↓ buttons to highlight, and press the SEL button to access the Sensor Submenu. Use the ↑ and ↓ buttons to set the Sensor type: NO (Normally Open), NC (Normally Closed) or None.
5. **SAVE & EXIT:** Saves any changes made, and exits to the Main Menu. Press the ↑ and ↓ buttons to highlight, and press the SEL button to accept the changes.

- CH1 - CH4: Lists all available cameras for configuration. Press the ↑ and ↓ buttons to highlight, and press the ←→ buttons to select the FPS or Quality for each CH. Use the ↑ and ↓ buttons to change the settings, and press SEL to accept the changes.
- FPS: A set number of Frames Per Second (total) is divided between all available cameras based on Resolution settings.
- QUALITY: Set the quality level for the recording - High, Mid, Low
2. **POST MOTION DURATION:** Set the duration that the alarm will continue once detected: 5, 30, 60, 90, 120, 150, 180, 210 or 240 seconds.
3. **SETUP MOTION:** Configuration for each Motion Sensor enabled Camera Press the ↑ and ↓ buttons to highlight the Setup Motion option, and press the SEL button to access the SETUP MOTION submenu. Press the ↑ and ↓ buttons to highlight a specific camera, and press the SEL button to select.
- AREA: Press the SEL button on the AREA option to specify segments of the Camera view to have Motion Detection. Use the ↑ and ↓ buttons to navigate around the Motion Setup screen, and press the SEL button to turn a segment ON. Press the MENU button once complete. Dark Blue indicates that a section has been selected for motion detection, and blank areas indicate that motion will not be detected in those areas.
- SENSE: Sets the Sensitivity of the Motion Detection: Use the ↑ and ↓ and SEL buttons to change the setting to High, Mid, Low.
4. **SAVE & EXIT:** Saves any changes made, and exits to the Main Menu. Press ↑ and ↓ buttons to highlight, and press the SEL button to accept the changes.

CHECK YOUR OWNERS MANUAL FOR DETAILED INFORMATION.

- CH1 - CH4: Lists all available cameras for configuration. Press the ↑ and ↓ buttons to highlight, and press the ←→ buttons to select the FPS or Quality for each CH. Use the ↑ and ↓ buttons to change the settings, and press SEL to accept the changes.
- FPS: A set number of Frames Per Second (total) is divided between all available cameras based on Resolution settings.
- QUALITY: Set the quality level for the recording - High, Mid, Low
2. **SETUP SCHEDULE:** Settings for scheduled recording times. Press the ↑ and ↓ buttons to highlight, and press the SEL button to access the Schedule Setup Sub menu
- Use the ↑ and ↓ buttons to choose a day (SUN-SAT) and SEL to set the schedule.
- Use the ↑ and ↓ buttons to set the recording Start Time and End Time
- Select SAVE & EXIT to return to the Menu

	FROM	TO
SUN	00:00	00:00
TUE	00:00	00:00
WED	00:00	00:00
THU	00:00	00:00
FRI	00:00	00:00
SAT	00:00	00:00

3. **SAVE & EXIT:** Saves any changes made, and exits to the Main Menu. Press the ←→ buttons to highlight, and press the SEL button to accept the changes.

ALARM RECORDING: Turns Alarm Recording ON/OFF. Press the ↑ and ↓ buttons to highlight, and press the ←→ buttons to switch between ON and OFF.

MOTION RECORDING: Turns Motion Recording ON/OFF. Press the ↑ and ↓ buttons to highlight, and press the ←→ buttons to switch between ON and OFF.

SCHEDULE RECORDING: Turns Schedule Recording ON/OFF. Press the ↑ and ↓ buttons to highlight, and press the ←→ buttons to switch between ON and OFF.

SAVE & EXIT: Saves any changes made, and exits to the Main Menu. Press the ↑ and ↓ buttons to highlight, and press the SEL button to accept the changes.

Note: After setting the Normal, Alarm, Motion, Schedule Recording, RECORDING ON/OFF MUST BE set to ON individually to activate the functions.

PACKAGE CONTENTS



- 1 - D300 SERIES DIGITAL VIDEO RECORDER
- 1 - POWER CORD
- 1 - OPERATOR'S MANUAL
- 1 - INSTALLER'S MANUAL
- 1 - QUICK INSTALLATION GUIDE
- 1 - REMOTE CONTROL
- 1 - NEED HELP INSERT

NOT INCLUDED - CAMERAS / BROADBAND ROUTER

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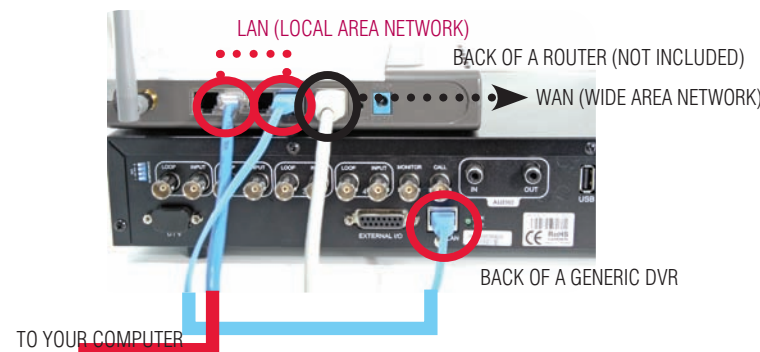


SETTING UP REMOTE SECURITY MONITORING

STEP 4

PORT FORWARDING YOUR ROUTER AND THE CREATION OF A DDNS ACCOUNT WITH DIGIMERGE IS REQUIRED IN ORDER FOR YOU TO HAVE REMOTE INTERNET ACCESS.

1 Connect one end of ethernet cable (not supplied) to the DVR, the other end to the broadband router (not included). Power router and DVR ON if not already ON



2 Record the MAC and IP Addresses - This can be obtained by pressing the Info button from the remote control

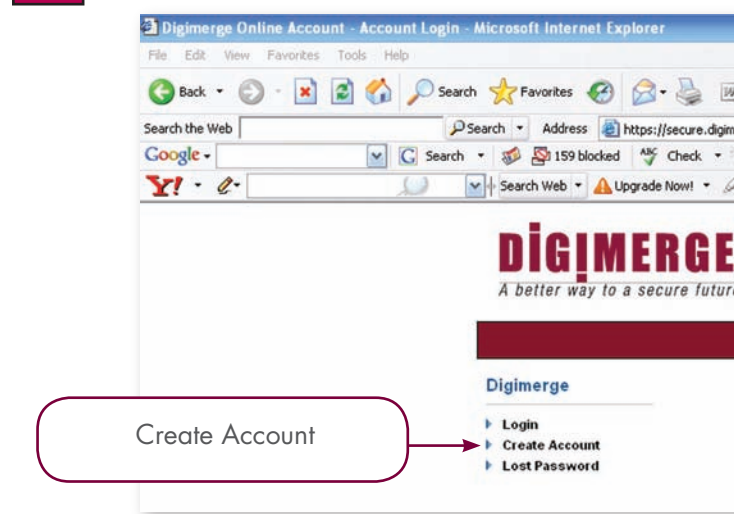
HDD Capacity: ## GB / ## GB
FPGA Version: #####
Application: #####
RAMDisk Version: #####
Kernel Version: #####
IP Address: ###.###.###.###
MAC Address: #:#:#:#:#:#:#:#:#:#:

3 Open your Web Browser. Enter <http://ddns.digimerge.net>



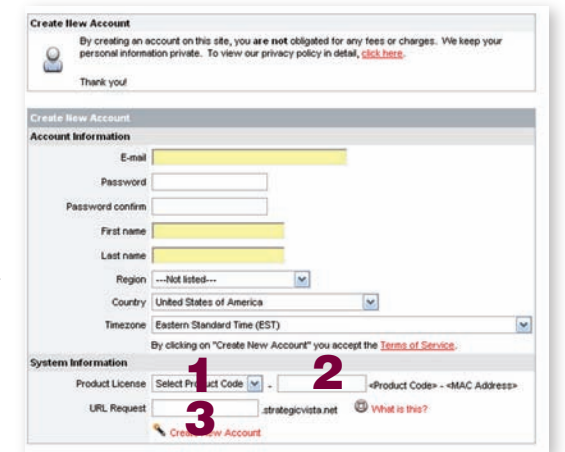
NOTE: YOU WILL BE REDIRECTED TO <https://secure.digimerge.net/webapp>

4 Select the Create Account Option



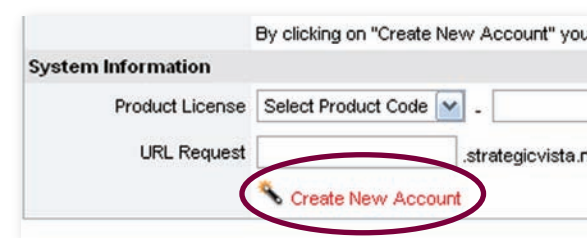
5 Complete Account Information

1. For Product License: Select your Product Model Number from the drop down menu (D300 Series)
2. For Product Code enter the MAC address (without any space) recorded earlier
3. For URL Request choose a URL Name (not to exceed 15 characters) (e.g. your name, your company etc.)



NOTE: Go to MENU from under NETWORK SET and select IP SET and set the DHCP to YES. Save and Exit and allow few seconds for the unit to obtain an IP Address from the Router. Please note down the IP and MAC Address(s) for further use on the DVR.

6 Select the Create New Account Link



7 An Automated Confirmation email will be sent to you. Record the information below

Domain name: _____
User name: _____
Password: _____

Once the DDNS Account has been configured (and the account details are received in Email), then these settings can be added to the DVR unit. See the DDNS Set menu options on Page 35 of your owner's manual for further details.

DDNS Set

The options in the DDNS Set menu allow the DVR unit to be accessed remotely using the Free DDNS Server and the internet. All information will need to be manually entered based on information from the free DDNS Setup. Set the USE DYNAMIC IP option to YES if you will be using the Free DNS Website service to connect to your DVR.

DDNS: YES
Domain Name: #####
User Name: #####
Password: #####
DDNS Status Check
Save & Exit

8 Port Forward your Router. You will need to Forward ports 2000 and 80 (default). All routers are different. To Port Forward your Router: Refer to your Router's manual for specific instructions on Port Forwarding.

9 Accessing the DVR Locally / Remotely with a PC

Once the DVR and Network have been successfully configured, a connection can be made with a Local PC (a PC within the same network as the DVR), or remotely (a PC from outside the network via the Internet) using Microsoft Internet Explorer.

Local: Use the internal network IP address. For Example:

- <http://192.168.0.150>

If you are using a different Web server port number, you will need to add this to the end of the address (i.e. using port 2005):

- <http://192.168.0.150:2005>

NOTE: YOUR COMPUTER AND YOUR DVR MUST BE CONNECTED TO THE SAME ROUTER

Remote: Use either the external IP address or the DDNS name:

- <http://216.15.59.221>
- <http://tomsmith.digimerge.net>

If you are using a different Web server port number, you will need to add this to the end of the address (i.e. using port 2005):

- <http://216.15.59.221:2005>
- <http://tomsmith.digimerge.net:2005>

Internet Explorer Settings - Active X Controls

To correctly load the Web Client Software, the security settings in Internet Explorer may need to be adjusted. Please refer to Pages 22-23 of the Operator's Manual for detailed information.

10 Logging into Live Monitoring



Once the Web Client application has loaded through Internet Explorer, a pop-up window will appear. Log in as:

- Username: admin
- Password: 00000000 (may be different if the default system password on your DVR was changed)

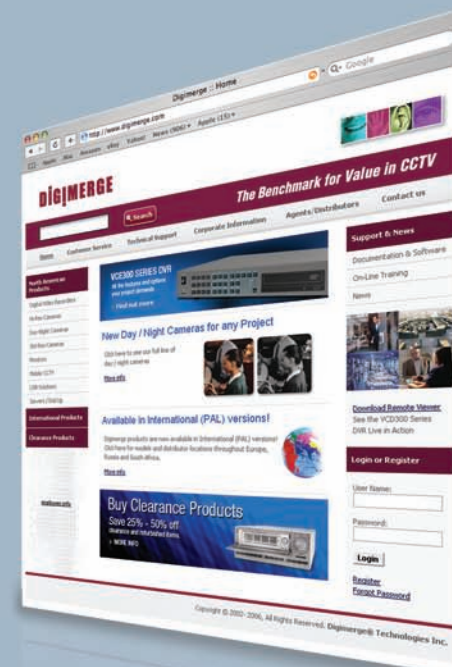
The Web Client software will load once the Login has been completed successfully. Failure to login correctly will close the Web Client win-



Press the Connect Button to view the Camera images

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IT'S ALL ON THE WEB

FOR ADDITIONAL INFORMATION OR TROUBLESHOOTING HELP, REFER TO YOUR OWNERS MANUAL FOR ASSISTANCE. YOU CAN ALSO CALL OR EMAIL FOR FURTHER SUPPORT. TOLL FREE TECHNICAL SUPPORT: 1-866-344-4674 OR +905-946-8477
EMAIL SUPPORT: TECH@DIGIMERGE.COM
WEBSITE: WWW.DIGIMERGE.COM

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D300 SERIES Pentaplex Network DVR with MPEG4 & Browser Application



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