

DGN 200 Series Quick Installation Guide

1. CHECK PACKAGE CONTENTS

The following accessories are supplied with the DGN series digital video recorder. Keep the carton and packaging materials for moving or storage purposes later



DGN209 Digital Video Recorder,
Installation / User Manual



160 GB Hard Disk Drive is included



2 Keys for
Hard Drive Cartridge



Power Adapter and Cord

2. MAIN MENU ACCESS

The Menu allows you to configure your DVR settings and program several recording options.

Follow these steps in order to access the Menu:

Press the **MENU** button. The password screen will appear:

The Default Password is 0000.

To change the number of the Password, use the ◀ / ▶ buttons to scroll left and right between numbers, and use the ▲ / ▼ buttons to change the value of the number that is flashing.

Press the **ENTER** button once the correct Password is entered. The menu options screen will appear.

When the correct password is entered, the main menu options will be displayed.

Password:
0000

SETTING SYSTEM TIME & DATE

Press The Menu Button

Enter the Password and press Enter

On the **Main Menu** press ▲ / ▼ to move to the **SYSTEM** option and press **ENTER**

On the **System Menu**, press ▲ / ▼ to select **System Time & Date**, then press **ENTER**.

Press ▲ / ▼ to choose a number, then press ◀ / ▶ to move to the next digit:

2003-Jan-01 (Mon) 22:38:29

Press **MENU** to confirm your change.

Press **MENU** to exit this screen and confirm the current operation.

(Menu)
Search
Timer
Record
Camera
System
Event
Network

3. RECORD SETTINGS

OPTION 1. CONTINUOUS RECORDING

Press the **Menu** Button

Enter the Password and press Enter

On the **Main Menu** move to the **RECORD** option and press **ENTER**

On the **RECORD MENU**, press ▲ / ▼ buttons to select the option and press **ENTER**.

a. HDD Overwrite: This option allows you to enable the DVR to record continuously once the HDD is full. To enable this feature move your cursor to **HDD Overwrite** and press enter. Press ▲ / ▼ buttons to select **YES**, press **MENU** to save and confirm.

b. RECORD IPS. This option allows you to record based on the number of Images per second on the system. Lowering the value will increase the number of hours for recording.

To adjust the IPS on the DVR press ▲ / ▼ buttons to move to the **Record IPS** option and press **ENTER**. Press ▲ / ▼ buttons to move and select the **IPS record speed**. *Note that '25A' indicates 25 ips with audio*. : 25A, 15, 8, 4, 2, 1. Press **MENU** to save, exit and confirm current operation.

c. RECORD QUALITY.

To adjust the **Record Quality** setup press ▲ / ▼ button and press **Enter**.

Press ▲ / ▼ buttons to select **Record Quality** level.

BEST, HIGH, NORMAL, BASIC

Press **MENU** to exit, save and confirm current operation. Press **MENU** again to exit and close **RECORD QUALITY** setup mode. **See table below to determine the hours of recording time used under the quality and IPS settings.**

IPS		15A	15	8	4	2	1
Record Quality	Best	32hr	64hr	120hr	240hr	480hr	960hr
	High	40hr	80hr	160hr	300hr	600hr	1200hr
	Normal	64hr	128hr	212hr	480hr	960hr	2880hr
	Basic	106hr	212hr	430hr	800hr	1600hr	4800hr
HDD Type		160GB					

(Menu)
Search
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▶ Record
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(RECORD)
HDD Overwrite: NO
Record IPS: 25A
Record Quality: Normal
Alarm Rec IPS: 25A
Alarm Rec Quality: Normal
Motion Trigger Record: ON

OPTION 2. MOTION DETECTION

Press the **Menu** Button
Enter the **Password** and press Enter

On the **Main Menu** move using to ▲ / ▼ buttons to the **RECORD** menu and press ENTER

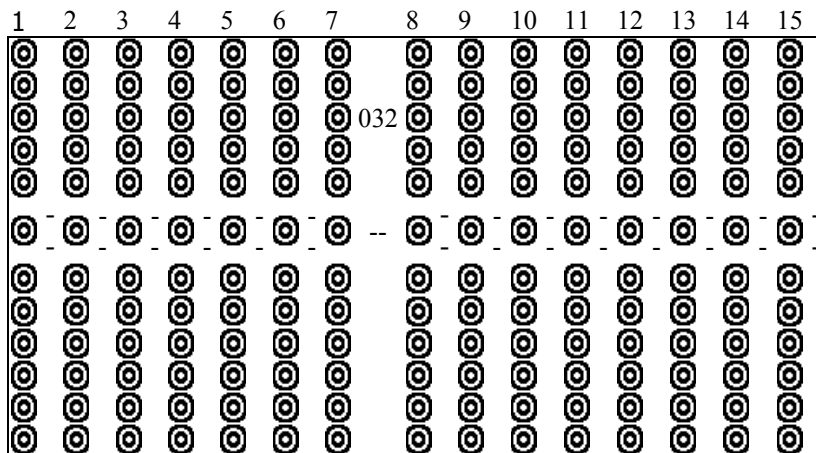
On the RECORD MENU , press ▲ / ▼ buttons to select the option MOTION TRIGGER RECORD and press ENTER . Press ▲ / ▼ to select ON to enable the feature. Press **MENU** to save it and press **MENU** to go back to the Main **MENU** ,

On the main **MENU** press ▲ / ▼ buttons to select the **CAMERA** menu and press Enter

Select the camera number that you want to enable the motion detection using the ▲ / ▼ buttons.

Once you are on the selected camera press ENTER twice. A grid on the screen will appear . The squares on the screen means the area is unmasked or disabled for motion . The circles mean the area is enabled to detect motion.

Example: If you want to enable the complete screen for motion detection press the **PIP** button once. All the squares on the screen will change to circles. Press **MENU** twice to go back to the main Camera Menu. Move using the ▲ / ▼ buttons to the next camera and repeat the process.



Note : For a more detailed explanation see pages 15 and 16 of the Instruction Manual

4. PLAYBACK.

To playback press **STOP** (if the unit is recording) and press the **PLAY** button to start playing back the most recent recording .

VIDEO SEARCH

The DVR allows you to easily find sections of recorded video using the Search feature. Press the **SEARCH** button and you will see the following options:

- ▶ Last Record
- Full List
- Alarm List
- Time Search

Last Record: Plays the last recorded piece of video.

Full List: Shows a listing of all recorded video on the HDD sorted by time.

Alarm List: Shows a listing of all recorded video triggered by an Alarm.

Time Search: Finds video recorded on a specific date that is entered.

*An example of a **Full List** search is shown on the left.*

Note that the date and time appear, along with the letter representing the method of recording that took place.

- ▶ M 2002-JAN-01 01:02:03 M-HDD
- M 2002-JAN-01 01:02:03 M-HDD
- A 2002-JAN-01 01:02:03 M-HDD
- T 2002-JAN-01 01:02:03 M-HDD
- ◀: Page Up ▶: Page Down

*Simply press **ENTER** to view a selected piece of video on the list. The DVR will play that video, followed by the next video in chronological order, until it hits the End of the list. You can stop the video at any time by pressing the **STOP** button.*

To SEARCH an event for a specific DATE

Press **SEARCH** and press ▲ / ▼ buttons and press **ENTER** at the **Time Search** option. Enter the YEAR, MONTH , DAY and HOURS (24 hours military format and no minutes). Use the ▲ / ▼ buttons to adjust the values and the ◀ / ▶ buttons to move to the next field. When ready press **ENTER** to start the DVR to Playback.

For more detailed explanation see page 23 of the Instruction Manual.