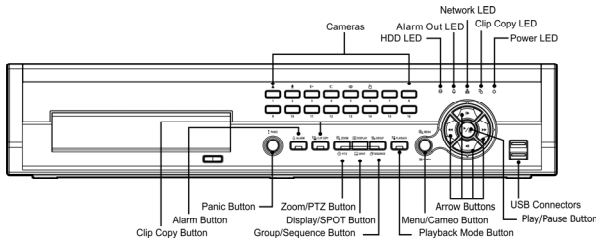


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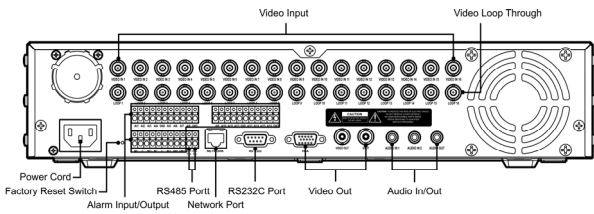
FEATURES AND FUNCTIONS (1)

FRONT PANEL



*Select camera buttons (1-16) to view individual cameras full screen.

REAR PANEL



SYSTEM SETUP

1. After connecting the power cord, the unit will be operational in 60 seconds.

***NOTE: There is no record button on the unit. Please refer to the Configuring Record Settings section for the proper record settings.**

2. Press the "Menu" button, enter the password then press the button. There is no default password when logging in the admin user for the first time. To assure the secure management of the system, setting up a password is strongly recommended.

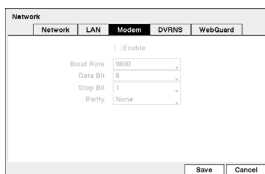
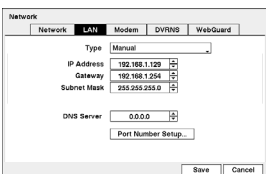


3. Go to <System> <Information> to name the site location, assign a System ID number, select the language the screens are displayed in, display software version number, upgrade the software, show the System Log, show Event Status, display recorded time data, and clear all data.
4. Go to <System> <Date/Time> to enter a new date and time.
5. Go to <System> <User> to add and delete groups and users.

***NOTE: Before powering down the DVR (or logging out the current user) highlight System Shutdown (or Log out), press the button and confirm whether or not you want to shut the system down (or logging out the current user).**

NETWORK SETUP

1. Go to the Network menu and set the transfer speed and remote quality to limit bandwidth used to the remote site.
2. Go to the LAN menu and select the type of network configuration first then set up LAN parameters for the selected network configuration.
3. Go to the Modem menu and set up modem parameters if required.

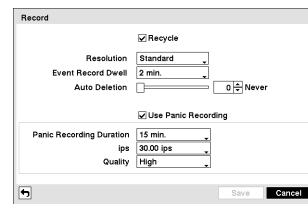


CONFIGURING INPUT DEVICES

Devices
Camera
Audio
Alarm-Out
Display
Remote Control

1. Go to <Devices> <Camera> to turn On or Off each camera, assign camera titles and hide the video of covert cameras.
2. Go to <Devices> <Audio> to select which camera you want associated with that audio input and enable audio out.
3. Go to <Devices> <Alarm-Out> to establish a schedule and set titles for each alarm output from the DVR.
4. Go to <Devices> <Display> to select what information will be displayed on the monitor and set up the main and spot monitors.
5. Go to <Devices> <Remote Control> to select a port and make correct settings for a remote control device.

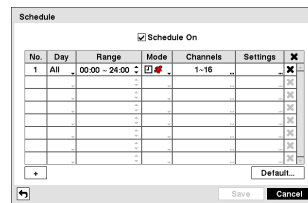
CONFIGURING RECORD SETTINGS



1. Go to the Record menu to configure recording settings.
2. Highlight the box beside Resolution and press the button to select the recording resolution between Standard and High.
3. Highlight Use Panic Recording and press the button to toggle between On and Off. When setting to On, set the length of time of the duration, images per second and quality for panic recording.

Recording Schedule

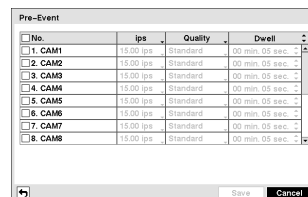
1. Go to the <Record> <Schedule> to set up the recording schedule.
2. Highlight Schedule On and press the button to toggle between On and Off. In the Schedule On mode, the DVR records video based on the schedule established in the Schedule screen. When turning Schedule recording Off, you will be asked to confirm your decision. Panic recording will function even when Schedule is turned off.
3. Highlight the + and press the button to add a schedule item, and highlight the box under the X heading and press the button to delete the recording settings.



Pre-Event Recording

1. Go to <Record> <Pre-Event> to set up pre-event recording.
2. You can turn individual cameras On or Off for pre-event recording and set the image speed, image quality and the amount of time to record prior to the event (dwell).

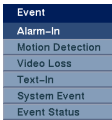
***NOTE: When the DVR is in the Time or Time & Event mode, it ignores the pre-event settings and follows the time settings.**



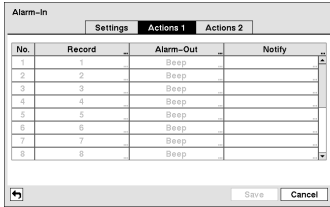
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FEATURES AND FUNCTIONS (2)

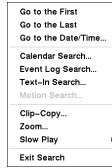
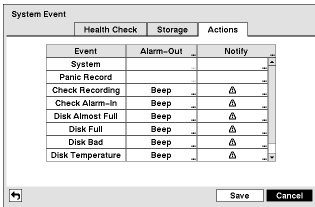
EVENT ACTION SETTINGS



1. Highlight the Alarm-In, Motion Detector, Video Loss, Text-In in the Event menu and press the **[OK]** button. The Event Setting and Actions setup screens will appear.
2. In each Event Actions screen, you can set the actions (Record, Alarm-Out, Notify, PTZ and Spot Display) the DVR will take whenever it senses alarm input, detects motion, loses video and senses text input.

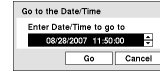


3. Highlight the System Event in the Event menu and press the **[OK]** button. The System Event setup screen will appear.
4. In the System Event Actions screen, you can set the actions (Alarm-Out and Notify) the DVR will take when it detects system events.



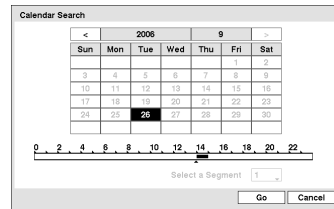
Date/Time Search

1. Select <Go to the Date/Time> in the Search Menu.
2. Enter a specific date and time and select "OK" by pressing the **[OK]** button.
3. The **[OK]** button and arrow buttons to review the video.



Calendar Search

1. Select <Calendar Search> in the Search Menu.
2. Highlight a day using arrow buttons and press the **[OK]** button.
3. Highlight the time bar using the down arrow button and select the time using the left and right arrow buttons. Highlight the Go button and press the **[OK]** button.
4. The **[OK]** button and arrow buttons can now be used to review the video.

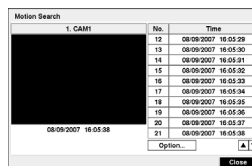
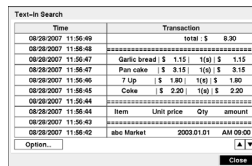
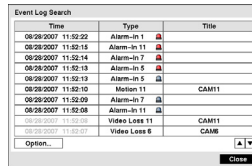


Event Search

1. Select <Event Log Search>, <Text-In Search> or <Motion Search> in the Search Menu.
2. The event log list will be shown on the screen. Highlight the event you would like to see and press the **[OK]** button.

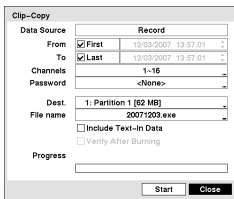
For more specific search conditions, select <Option> and enter search parameters then select <Search>. The search results will be displayed in each screen.

3. Pressing the **[OK]** button will start playing the "event" video segment. Press the **[PLAYBACK]** button to return to live monitoring.



CLIP-COPY

The Clip-Copy screen can be used to copy video to an internal CD-RW drive, or external hard disk, CD-RW or flash drives.



***NOTE:** The Clip Copy feature requires the camera title or number along with the date and time of the recorded images to be copied. When copying video on the USB CD-RW, a single CDR or CDRW can be written to in several sessions until the disk is full. To view the copied images, remove the disk from the CD-RW device and insert it into any PC with a CD reader. On the PC access the CD drive device and select the image file name. The executable Clip Player software program will open automatically displaying playback controls for viewing the video clip.

SEARCH AND PLAYBACK

1. Press the "PLAYBACK" button on the front panel and press the **[OK]** button to enter the Playback mode. If a user who has Search authority logs into the system, the user can view recorded images.
2. Press the "MENU" button while in the Search mode displays the Search Menu. Select the type of search using the arrow buttons and press the **[OK]** button.