

STARTING FOR THE FIRST TIME

When the E-Series DVR starts for the first time, it will take about 40-45 seconds to boot up. Once boot is complete, the Install Setup window will appear. Use this setup window to configure the basic settings of the system. If any settings are changed you must restart the DVR.

Video Format: NTSC/PAL

Date Format: ASIA (YYYY/MM/DD), US (MM/DD/YYYY) and EURO (DD/MM/YYYY).

Time Zone: Set the local time zone.

DST: To use DST (Daylight Saving Time), turn on this toggle option.

Date/Time: Specify the current date and time.

Auto Log Off: Logs users off after specified time (0~10 minutes).

CHANGE THE SCREEN DISPLAY

Change the screen display while in Live mode.

• Full Screen Display

Press a number key on the front of the DVR or remote control to select the desired camera channel for full screen display. (Example: Press 1 to display channel 1.)

• Divided Screen Display

Press LIVE on the front of the DVR or remote control to change the display mode. Press LIVE successively to cycle through all display configurations.

• Change the Displayed Channels

Press ROTATE on the front of the DVR or remote control to rotate through the remaining channels within the display mode or rotate the display configuration.






SEARCH RECORDED VIDEO WITH QUICK SEARCH

1. Press **SEARCH** on the front of the DVR or the remote control to log in to Search mode.
2. Select the **TARGET** media (HDD, DVD-RW, USB).
3. Select **QUICK SEARCH**.
4. Select a **DATE** from the list and press **ENT**. The list of dates only includes dates with recorded video.
5. Use the arrow keys to move the bar across the displayed grid to select the search time. Highlighted time blocks represent recorded video.
6. Select **PLAY**.
7. Use the play controls on the front of the DVR or remote control to play, pause, and rewind video.

SET UP CONTINUOUS RECORDING


1. Press **SETUP** on the front of the DVR or remote control.
2. Select **RECORD > RECORD SETUP** and press **ENT**.
3. Select **DAY** and press **ENT** to toggle between DAY, NIGHT, and WEEKEND schedules.
4. Select **C-FPS** and press **ENT** to set the desired Frames Per Second.
5. Select **R-MODE** and press **ENT** to select **C**.
6. Repeat for all cameras.
7. Select the **SCHEDULE** screen and press **ENT**.
8. Select the **NIGHT TIME** and press **ENT**.
9. Set the **FROM** time and press **ENT**.
If 19:00 to 06:00 is defined as nighttime, 06:00 to 19:00 is defined as daytime.
10. Repeat to set the **TO** time.
11. Select the first **WEEKEND** day and press **ENT** to set the desired day.
12. Select the second **WEEKEND** day and press **ENT** to set the desired day.
13. Select **SAVE** and press **ENT** to save the settings and return to the **SETUP** Menu.

SCREEN ICONS

	Recording	This icon always appears in conjunction with the Motion or Continuous Recording icon.
	Motion	Motion Recording
	Sensor	Sensor (Alarm) Recording
	Continuous	Continuous Recording
V	Video Loss	Video Loss Detected
F	Freeze	Pause Live View
P	PTZ	PTZ Camera Channel
1:	Channel	Channel Number
C1:	Channel Name	User Defined Channel Name
S	Smart	Smart Search Mode
P	Panorama	Panorama Search Mode
	Play	Playback Mode
 	Pause	Pause Search Video

BACK UP RECORDED VIDEO

1. Press **BACKUP** on the front of the DVR or remote control to log in to Backup mode.
2. Insert the media (DVD-RW, USB).
3. Select **TARGET** media (DVD-RW, USB).
CAUTION: If you are using a USB device to back up your data, you must format it first as FAT32.
4. Set the **FROM** and **TO** date and time.
5. Select the **CHANNELS** to include in the backup file.
6. Select **ESTIMATE** to display the estimated data size and the free space available on the media.
7. Select **WRITE** to start the backup.

 **CAUTION** Do not shut down the DVR during the backup process.

QUICK BACKUP

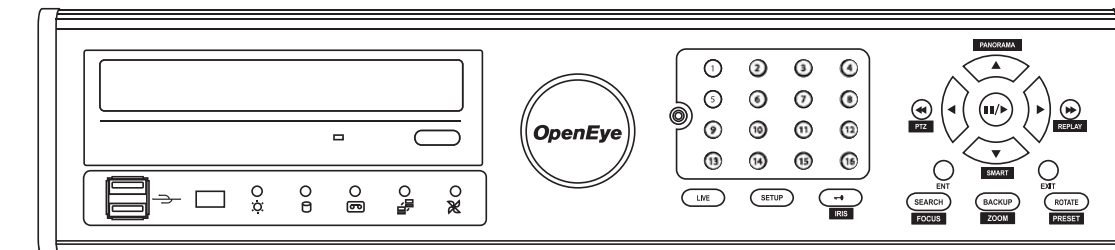
1. Insert the media (DVD-RW, USB).
2. Perform a Search to locate the desired video.
3. Press **BACKUP** at the beginning of the desired clip.
4. Press **BACKUP** again at the end of the desired clip.
5. Confirm the Backup settings.
6. Select **WRITE** to start the backup.

PLAY BACKUP FILE ON A PC

1. Insert the CD, DVD or connect external USB device to the client PC.
2. Navigate to the backup files on the CD, DVD, or USB device.
3. Double-click the **DvrPlay** application.
4. Click **Open** to locate the desired backup file saved by Date.

OpenEye®






Embedded Digital Recorder E-Series (4, 8, 16 channel)





LOGGING IN FOR THE FIRST TIME

DVR	User ID: admin	Remote Software	User ID: admin1
	Password: <none>		Password: <none>
	Note	After logging in for the first time, change the admin password for the DVR and remote software to establish user level security. See the Manual for instructions.	



LED STATUS INDICATOR

-  **Power** Illuminates when power is supplied to the DVR.
-  **HDD** Flashes when the hard drive is being accessed.
-  **Record** Flashes when live video is recording.
-  **Network** Illuminates when the DVR is connected to a network.
-  **Fan** Illuminates when the fan is working. Flashes when the fan is working improperly. Unlit when the fan is not working.

ENTER / EXIT BUTTONS

-  **Enter** Input data, make selections, and open pop-up menus.
-  **Exit** Return to the previous mode or menu, without saving.

NUMERIC BUTTONS AND REC

-  **Numeric** In live and search modes, press to watch that channel full screen.
-  **Record** In live mode, press to start instant recording of all channels.

OpenEye®

23221 E Knox Ave
Liberty Lake, WA 99019
1.888.542.1103



28971AA
A12931

Copyright ©2009 OpenEye. All Rights Reserved. Information contained in this document is subject to change without prior notice. OpenEye does its best to provide accurate information but cannot be held responsible for typos or mistakes.

QUICK START GUIDE

DIRECTIONAL AND PLAYBACK CONTROL BUTTONS

Operation Modes: Live Mode, Live Freeze Mode, Search Mode, Search-Pause Mode, Navigation Mode, and PTZ Mode.

- Live** Go to PTZ mode.
- PTZ** Adjust zoom, focus, and iris on a PTZ channel.
- Search** Start reverse playback of recordings. When pressed successively, the search jumps back in time by 30 minute increments.
- Search-Pause** When pressed successively, the reverse playback rate decreases from 1/2X speed to 1/8X.



- Live** Start playback of the latest recordings. (By default, the system searches recordings in the past 30 secs. If no recording is archived, the system will play back the latest one.)
- PTZ** Adjust zoom, focus, and iris on a PTZ channel.
- Search** Start playback of recordings. When pressed successively, the search jumps forward in time by 30 minute increments.
- Search-Pause** When pressed successively, the playback rate increases from 1/2X speed to 1/8X.



- Navigation** Move up.
- PTZ** Move the camera view point up.
- Search** Start Panorama Search.



- Navigation** Move to the right.
- PTZ** Move the camera view point to the right.
- Search** Play recorded videos.
- Search-Pause** Step forward one frame.



- Navigation** Move down.
- PTZ** Move the camera view point down.
- Search** Start Smart Search.



- Navigation** Move to the left.
- PTZ** Move camera's view point to the left.
- Search** Play recorded videos in reverse.
- Search-Pause** Step back one frame.



- Live** Freeze live channels.
- Live Freeze** Resume live view.
- Search** Pause playback channels.
- Search Pause** Resume playback.



- Setup** Open the setup menu.



- Function Buttons**
 - Search** Open the search menu.
 - Focus** In PTZ mode, press to use the Focus function. Use the left and right arrow buttons to adjust.

FUNCTION BUTTONS

- Backup** In live mode, press to open the backup menu. In the search mode,
 - Press once, to set the start time for Backup.
 - Press twice, to set the end time for Backup.
 - Press three times, to complete Backup.
- Zoom** In PTZ mode, press to use PTZ Zoom function. Use the left and right arrow buttons to adjust.



- Rotate** Rotate through to the remaining channels in the current display mode or rotate the display configuration.
- Preset** In PTZ mode, press to use the Preset function.



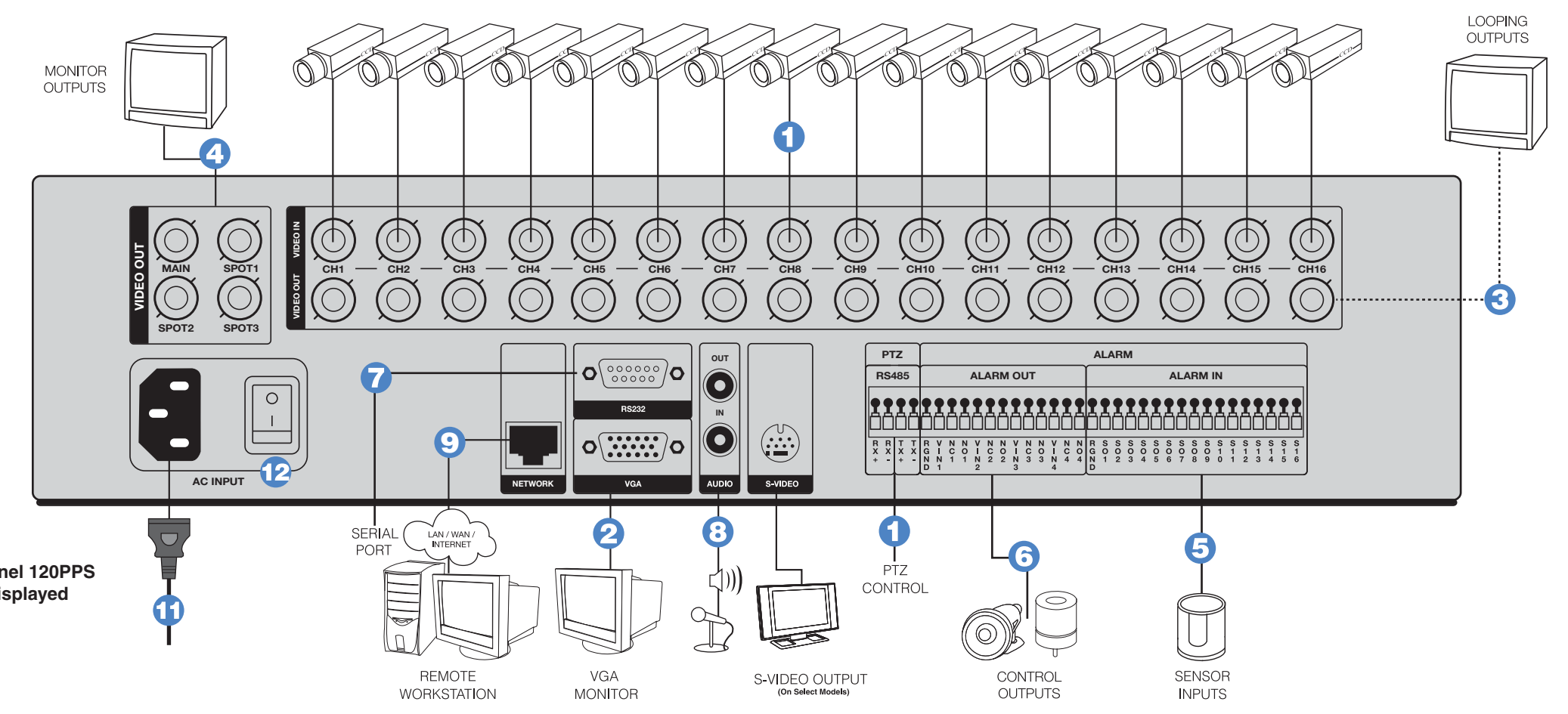
- Key** Log out the current user. Use to prevent accidental or unauthorized system-wide changes.
- Iris** In PTZ mode, press to use the IRIS function. Use the left and right arrow buttons to adjust.



- Live** Change the display mode. Display switches in the following order when the LIVE key is pressed successively: (Single > 4 > 7 > 9 > 10 > 13 > 16 > Single > 4 > 7 > 9 ...split screen mode)



- Setup** Open the setup menu.



16 Channel 120PPS model displayed

HOW TO USE IR REMOTE CONTROLLER

When more than one E-Series DVR is installed in the same location, use one remote controller to control multiple DVRs. To control multiple DVRs, you must change the remote controller ID to match the SYSTEM ID of the DVR. Follow the instructions below to change the remote controller ID.

On the DVR

1. Press SETUP on the front of the DVR or the Remote Controller.
2. Go to SYSTEM > SYSTEM SETUP.
3. Enter the desired SYSTEM ID number.

On the Remote Controller

4. Press and hold the ID button on the remote controller and enter the desired SYSTEM ID number to operate the corresponding DVR.

Note The SYSTEM ID must be input as two numbers on the remote controller. Therefore you should input 00 for the DVR ID 0 and input 01 for 1.

QUICK INSTALLATION

1. Connect cameras to video inputs, and if using, connect PTZ camera control lines to RS485 connector.
2. Connect the main monitor to the VGA monitor output or main video output - BNC.
3. Connect analog monitors to looping video outputs. (optional)
4. Connect the monitor to SPOT video outputs (up to 3 on 16CH only). (optional)
5. Connect sensors to alarm signal inputs. (optional)
6. Connect alarm devices such as buzzers to alarm signal outputs. (optional)
7. Connect external controllers to RS232 connector. (optional)
8. Connect a speaker and microphone to the audio input and output. (optional)
9. Connect a network cable to the network port.
10. Power on all the connected equipment.
11. Connect the power cord to the DVR.
12. Turn the power switch on.