

## ENABLE REPORTSTAR

When starting the recorder for the first time, the ReportStar window will open first. To enable ReportStar during the initial configuration, follow these instructions.

1. Click **ENABLE REPORTSTAR NOW**.
2. Log in using th admin user account (default username: **admin**, password: **1234**).
3. Set the **CUSTOM DAY/NIGHT TIME**.
4. Click **SEND** to send a test report to ReportStar.
5. To send alarm events to ReportStar, set **SEND ALARM EVENTS INSTANTLY** to **ON**.
6. To send actcive updates to ReportStar every 5 minutes, set **HEARTBEAT** to **ON**.
7. Click **SAVE** to save your settings.

**Note:** To enable ReportStar at any time after the initial configuration, go to **NETWORK > REPORTSTAR SETUP** and then set **ENABLE REPORTSTAR** to **ON**.

## CHANGE THE SCREEN DISPLAY

Change the screen display while in Live mode.

- **Full Screen Display**  
Double-click your desired camera channel for full screen display.
- **Divided Screen Display**  
Click a screen division icon on the hover menu to show multipe cameras at once.
- **Change the Displayed Channels**  
Click the camera channel numbers on the hover menu to change displayed channels. You can view multiple channels at once by clicking a channel number, and then clicking a screen division icon to view the other camera channels within that screen division.

## SEARCH RECORDED VIDEO WITH EXPRESS SEARCH

1. On the hover menu, click **MENU**, and then click **SEARCH**.
2. Click **EXPRESS SEARCH**.
3. Select a date and time to view. Click **MONTH** and **YEAR** for more date options. Highlighted time blocks represent recorded video.
4. Select a time by clickin on the time line box. Click **HOUR** to toggle between Hour and Minute view. The highlighted blocks represent periods of 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**.

## SET UP RECORDING

1. Cick **MENU** on the hover menu, and then click **SETUP**.
2. Click **RECORD**, and then click **RECORD SETUP**.
3. Select the desired **IPS** for each channel.
4. Click **SCHEDULE**, and then select the channels to set a Recording Schedule.
5. Select your desired **RECORDING MODE** for this schedule.
6. Select your desired days and times to record.
7. Click **SAVE** to save your settings.

## SCREEN ICONS

In Live mode, icons or messages on the screen indicate the system mode or status.

### Right-upper corner on each CH screen

	<b>Continuous</b>	Continuous Recording
	<b>Motion</b>	Motion Detection Recording
	<b>Sensor</b>	Sensor Activated Recording
	<b>Continuous + Motion</b>	Continuous + Motion Detection Recording
	<b>Continuous + Sensor</b>	Continuous + Sensor Activated Recording
	<b>Motion Detection + Sensor Activated</b>	Motion Detection + Sensor Activated Recording
	<b>Emergency</b>	Emergency Recording
	<b>Sensor Activated</b>	Sensor Activated
	<b>Motion Detected</b>	Motion Detected
	<b>Audio</b>	Audio Channel
	<b>PTZ</b>	PTZ Camera

### Right-bottom corner on full screen.

	<b>No HDD</b>	No Hard Disk Drive (HDD), Smart Alarm, and HDD Failure
	<b>Emergency</b>	Using Emergency Recording
	<b>PTZ</b>	Using PTZ
	<b>Sequence</b>	Showing Sequence Mode

## MANUAL BACKUP

1. Click **MENU** on the hover menu, and then click **EXPORT**.
2. Insert a USB device, and then click **SCAN** to locate the device.
4. Select your desired **CAMERA**s and the **FROM** and **TO** time for the backup.
5. Click **ESTIMATE** to display the estimated file size and free space available.
6. Select **EXPORT VIEWER** to add the Export Viewer to the backup file.
7. Click **EXPORT**.

## QUICK BACKUP

1. Insert a USB device, and then perform a Search to locate your desired video.
2. Press **BACKUP** at the beginning of the desired clip, and then press **BACKUP** again at the end of the desired clip.
3. Confirm the Backup settings, and then click **EXPORT** to start the backup.

## PLAY BACKUP FILE ON A PC

1. Insert a USB device into your client PC, and then navigate to the backup files on the USB device.
2. Double-click the **MultiBackupPlayer** application, and then click **OPEN** to locate the desired backup file saved by Date.

## BUTTONS ON 4/8 CHANNEL E-SERIES SLIM MODELS

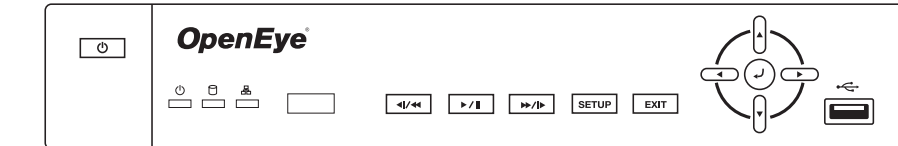
The 4 and 8 Channel E-Series Slim models provide the same functions as the 16 channel models, but have fewer buttons and a smaller chassis.

	<b>Search</b>	Start reverse playback of recordings. Press successively to change the fast reverse speed.
	<b>Replay Search</b>	Start playback of the most recent recording. Press to Pause or Play in Search mode.
	<b>Search</b>	Start playback of recordings. Press successively to change the fast forward speed.
	<b>Setup</b>	Open the setup menu. Hold for 5 second (when in live view) to open the shut down prompt.
	<b>Exit</b>	Exit current menu / function.

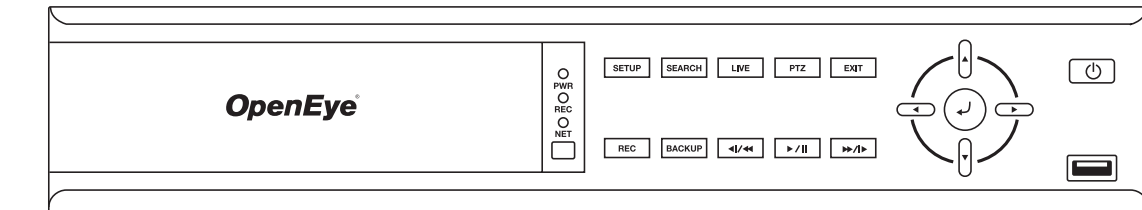
# Embedded Digital Recorder

## E-Series Slim

### 4 / 8 Channel



### 16 Channel



## LOGGING IN FOR THE FIRST TIME

<b>DVR</b>	<b>User ID:</b> admin	<b>Remote Software</b>	<b>User ID:</b> admin
	<b>Password:</b> 1234		<b>Password:</b> 1234
	<b>Note</b> After logging in for the first time, change the admin password for the recorder and remote software to establish user level security. See the Manual for instructions.		

## LED STATUS INDICATOR

	<b>Power</b>	Illuminates when power is supplied to the recorder.
	<b>Record</b>	Illuminates when video is being recorded.
	<b>Network</b>	Illuminates when the recorder is connected to a network.

## ENTER / EXIT BUTTONS

	<b>Enter</b>	Input data and make selections.
	<b>Exit</b>	Return to the previous mode or menu, without saving.

## DIRECTIONAL AND PLAYBACK CONTROL BUTTONS

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



**Search** Start reverse playback of recordings. Press successively to change the fast reverse speed.



**Replay** Start playback of the most recent recording.  
**Search** Press to Pause or Play in Search mode.



**Search** Start playback of recordings. Press successively to change the fast forward speed.



**Navigation** Move up.  
**PTZ** Move the camera view point up.



**Navigation** Move to the right.  
**PTZ** Move the camera view point to the right.  
**Search** Play recorded videos. When pressed successively, the search jumps forward in time by 30 minute increments.  
**Search-Pause** Step forward one frame.



**Navigation** Move down.  
**PTZ** Move the camera view point down.



**Navigation** Move to the left.  
**PTZ** Move camera's view point to the left.  
**Search** Play recorded videos in reverse. When pressed successively, the search jumps back in time by 30 minute increments.  
**Search-Pause** Step backwards.

## FUNCTION BUTTONS



**Setup** Open the setup menu.



**Search** Open the search menu.



**Live** Change the display mode. Display switches in the following order when the LIVE key is pressed successively:  
 (Single > 4 > 9 > 16 > Single > 4 > 9 > etc).



**PTZ** In live view, press to enter PTZ mode.



**Exit** Exit current menu / function.

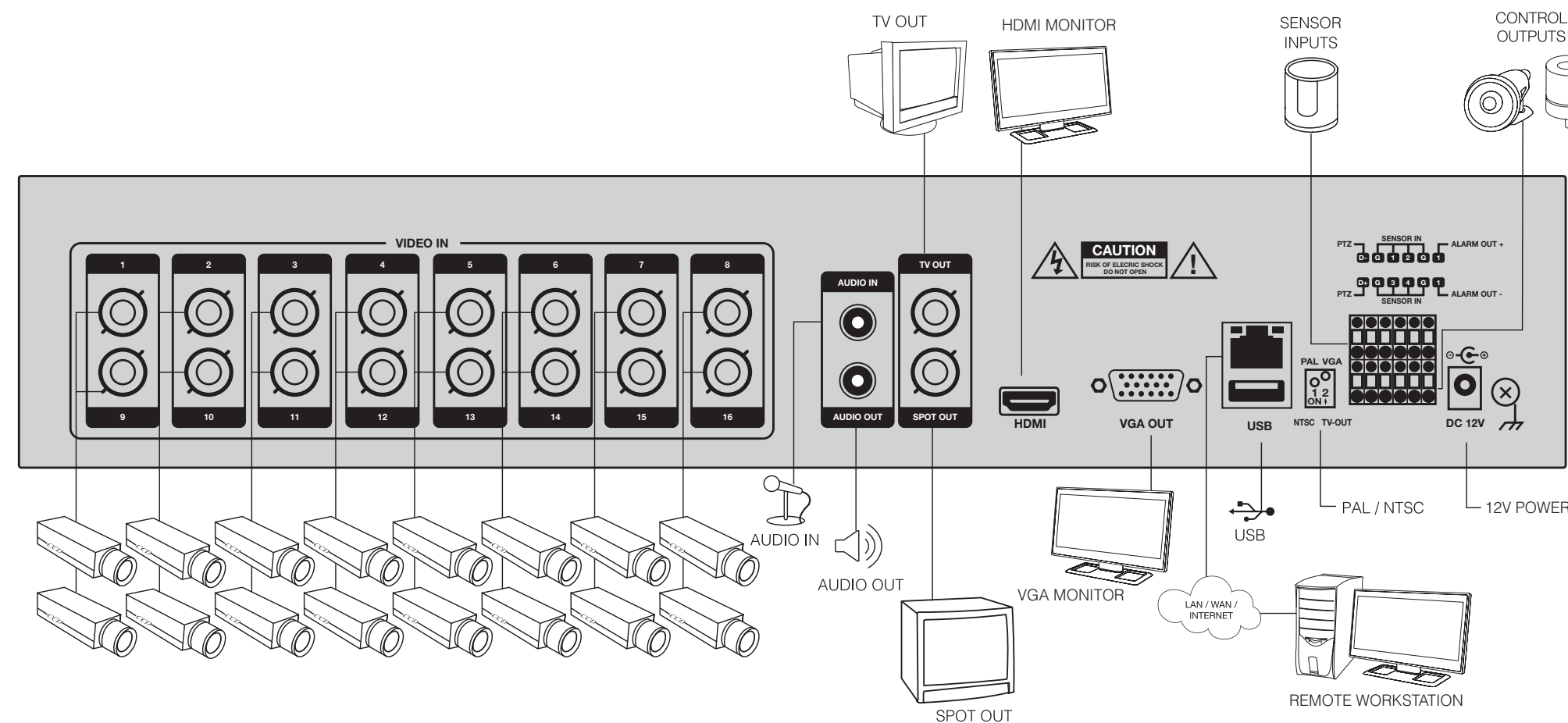


**Record** Start Emergency Recording when viewing live video.



**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.



### DIP SWITCH FOR NTSC/PAL AND VGA/SPOT / TV-OUT

Switch 1 - This will set the recorder to NTSC or PAL video. The Default setting is NTSC.

Switch 2 - This will set the desired video out option to VGA/Spot-Out or TV-Out. The Default is VGA/Spot-Out.

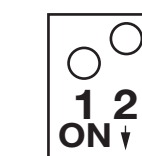
**Note:** You must reboot the recorder if you change the switch settings.

There is no Main BNC Out. It is now called TV-Out and requires the DIP switch on the back to be set to the correct position (as mentioned above).

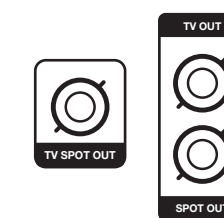
**4/8 Channel** - These models only have 1 BNC port. This port shares both TV-Out and Spot-Out.

**16 Channel** - These models have 2 BNC ports. One is for TV-Out, the other is for Spot-Out.

#### PAL VGA



#### NTSC TV-OUT



### 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 HDMI, VGA, or MAIN (BNC) video outputs.
3. Connect the monitor to SPOT video output. (optional)
4. Connect sensors to alarm signal inputs. (optional)
5. Connect alarm devices such as buzzers to alarm signal outputs. (optional)
6. Connect external controllers to RS485 connector. (optional)
7. Connect a speaker and microphone to the audio input. (optional)
8. Connect a network cable to the network port.
9. Power on all the connected equipment.
10. Connect the power cord to the recorder.