QUICK START GUIDE

DX3100 Series
Digital Video Recorder

C695M-QS (12/03)

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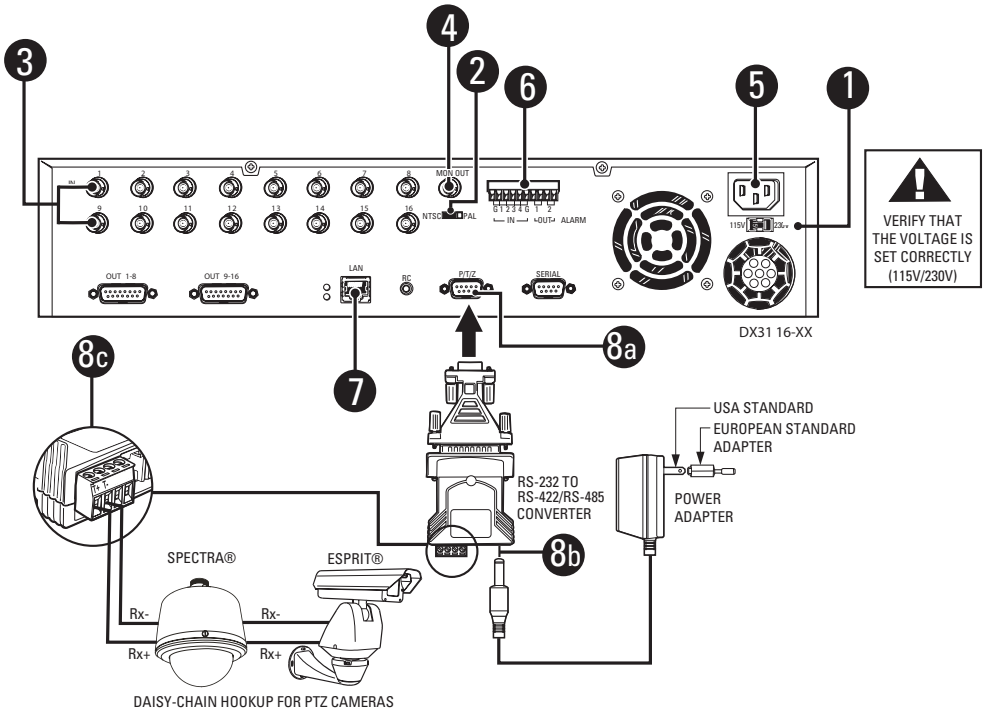
DX3100 SERIES DIGITAL VIDEO RECORDER

This guide provides basic information for installing, configuring, and using the DX3100 Series digital video recorder. For detailed information, refer to the DX3100 Installation/Operation manual.

HARDWARE INSTALLATION

After you place the unit in a rack or on a desktop, set the switches and make the connections as listed:

1. Set the correct voltage: **115V** or **230V**.
2. Set the video format switch: **NTSC** or **PAL**.
3. Connect the cameras. Also connect any looping outputs.
4. Connect the monitor.
5. Connect the power cable.
6. Connect alarm inputs and outputs.
7. If you will access the unit over a network, connect a network cable to the LAN port.
8. If installing Spectra, Esprit, or other PTZ:
   - 8a Connect the RS-232 to RS-422/RS-485 converter.
   - 8b Connect power to the converter.
   - 8c Connect camera control cabling to the converter.



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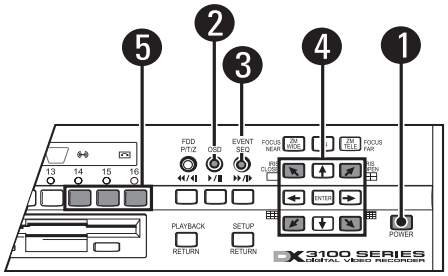
FRONT PANEL OPERATION

NOTE: For complete information about the front panel and the IR remote controller, refer to the DX3100 Installation/Operation manual.

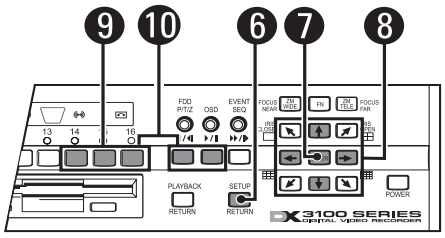
The buttons for each section below are shaded in the associated figures.

General



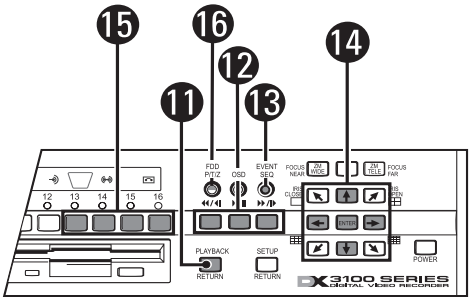
1. Power switch (startup and shutdown)
2. Toggle on-screen display (OSD)
3. Sequence
4. Activate multi-screen views: ↖ for 1x1, ↗ for 2x2, ↙ for 3x3, ↘ for 4x4 (DX3116)
5. Display selected camera (1-8 or 1-16)

Setup



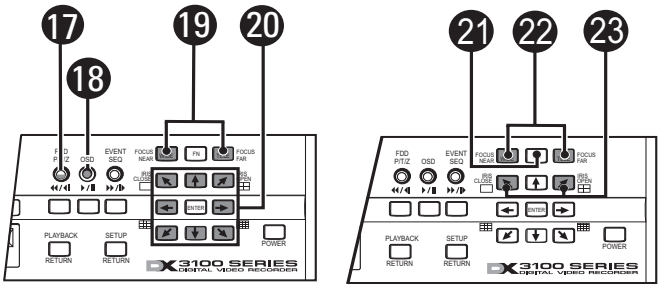
6. Enter and exit setup mode; exit submenus
   NOTE: The default password is **1981**.
7. Select submenu or edit field
8. Field selection and edit: ↑, ↓, ←, →
9. Edit password (DX3116): buttons 1-9 = numbers 1-9, button 10 = 0
10. Edit password (DX3108): buttons 1-8 = numbers 1-8,
    button ◀◀ = number 9, button ▶ = number 0

Playback



11. Enter and exit playback mode
12. VCR-style controls for video playback
13. Display event list
14. Field selection/edit: ↑, ↓, ←, →, ENTER
15. Display video from selected camera (1-8 or 1-16)
16. Save image to floppy disk

PTZ



17. Enter and exit PTZ mode
18. Toggle on-screen display (OSD)
19. Zoom control: ZM WIDE, ZM TELE
20. PTZ directional movement: ↖, ↑, ↗, ←, →, ↙, ↓, ↘
21. Enter and exit focus and iris controls
22. Focus controls: FOCUS NEAR, FOCUS FAR
23. Iris controls: IRIS CLOSE, IRIS OPEN

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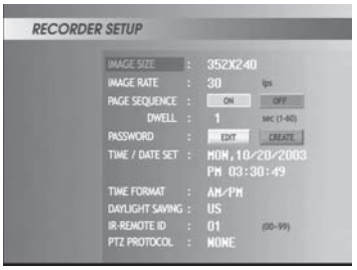
CONFIGURATION

To configure the DX3100:

1. Press **SETUP**.

2. Use the camera buttons to enter the four-digit password. The default is **1981**. The setup menu appears.

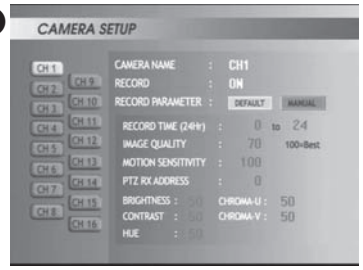
3. Change the default DX3100 settings:
   a. Select **RECORDER SETUP** on the setup menu and then press **ENTER**.
   b. Change any of the following DX3100 settings:
      - **IMAGE SIZE**: The default is **352 X 240**.
      - **IMAGE RATE**: The default is either **8 ips** (DX3108) or **16 ips** (DX3116).
      - **TIME/DATE SET**: The default is set at the factory.
      - **DAYLIGHT SAVING**: The default is **US**.
      - **PTZ PROTOCOL**: The default is **NONE**.
   c. Press **SETUP** to return to the setup menu.



4. Configure the settings for each camera:
   a. Select **CAMERA SETUP** on the setup menu and then press **ENTER**.
   b. Press ↓ (down arrow) to select the camera and press **ENTER**.
   c. Change any of the following default camera settings:

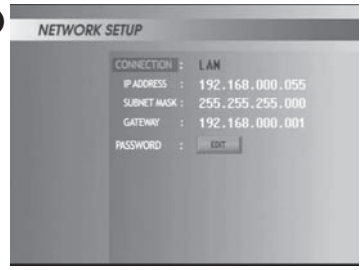
      NOTE: Select **MANUAL** to change any setting under **RECORD PARAMETER**.

      - **CAMERA NAME**: The default name for each channel: **CH1** to **CH16**.
      - **RECORD TIME**: The default is **0** to **24**.
      - **IMAGE QUALITY**: The default is **70**.
      - **MOTION SENSITIVITY**: The default is **100**.
      - **PTZ RX ADDRESS**: The default is **0**.
   d. Press **SETUP** to return to the setup menu.



5. Configure the network settings (optional):
   a. Select **NETWORK SETUP** on the setup menu and then press **ENTER**.
   b. Enter the network address information for the DX3100: **IP ADDRESS**, **SUBNET MASK** and **GATEWAY**.

      NOTE: You may also set the network password for this DX3100.
   c. Press **SETUP** to return to the setup menu.



6. Press **SETUP** to exit the setup menu.

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SETTING SYSTEM DATE AND TIME

1. Press **SETUP**.

2. Use the camera buttons to enter the four-digit password. The default is **1981**. The setup menu appears.

3. Select **RECORDER SETUP** and then press **ENTER**.

4. Update the daylight saving time setting (optional). The default is **US**.
   a. Select **DAYLIGHT SAVING** and then press **ENTER**.
   b. To disable daylight saving time processing, press ↑ (up arrow) or ↓ (down arrow) to select **NONE** and then press **ENTER**.
   c. To enable daylight saving time processing for a different country, press ↑ (up arrow) or ↓ (down arrow) to select the country and then press **ENTER**.

5. Select the time format (optional):
   a. Select **TIME FORMAT** and then press **ENTER**.
   b. Press ↑ (up arrow) or ↓ (down arrow) to select **AM/PM** or **24HR**.
   c. Press **ENTER**.

6. Set the system date and time:
   a. Select **TIME/DATE SET** and then press **ENTER**.
   b. Press → (right arrow) to select a field to change: day, month, day, year, AM/PM, hours, minutes, or seconds.
   c. Press ↑ (up arrow) or ↓ (down arrow) to change the field value.
   d. When the date and time are correct, press **ENTER**.

7. Press **SETUP** to return to the setup menu.

8. Press **SETUP** again to exit the setup menu.

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DX3100RX REMOTE SITE SOFTWARE

NOTE: Before installing this software, refer to the DX3100 Series Remote Site Software manual for minimum system requirements.

NOTE: This Quick Start Guide is written for installers who are familiar with the Windows® operating system.

Installation

1. Insert the Remote Site Software CD that came with the DX3100.
2. Follow the on-screen prompts, specifying default program folder.
3. Restart the computer.

Configuration

1. Launch the Remote Site Software:
   Start > Program > DX3100RX > DX3100RX v1.0.
2. Click **OK** on the Input password screen. You can add a password later.
3. Create a site for the DX3100:
   a. Click **CONNECT**. The Site/File Open screen appears.
   b. Click **Add**. The Connection Property (New) screen appears.
   c. Do the following:
      - **Site Name**: Enter the site name for this DX3100. It appears on the screen when you access the site.
      - **Server IP**: Enter the network address for the DX3100. It must match the **IP ADDRESS** field on the **NETWORK SETUP** screen on the DX3100.
      - **User ID**: Enter **dx3100** (case-sensitive).
      - **Password**: Enter the password from the **PASSWORD** field on the **NETWORK SETUP** screen on the DX3100.
      - **Camera**: Specify the cameras to display.
   d. Click **OK**.
4. Select **Live** or **Remote Playback** on the Site/File Open screen. Then click **OK**. The site video (live or playback) begins to display.

Operation

1. Launch the Remote Site Software:
   Start > Program > DX3100RX > DX3100RX v1.0.
2. Click **OK** on the Input password screen. You can add a password later.
3. Click **CONNECT**. The Site/File Open screen appears.
4. Select the DX3100 to view.
5. Select **Live** or **Remote Playback** on the Site/File Open screen. Then click **OK**. The site video (live or playback) begins to display.

NOTE: To reconnect automatically when a network error occurs, select **Try Reconnecting Continuously for Network or Server Error** on the Network Setup screen.

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