

## SEARCHING FOR VIDEO

1. Press the SEARCH button on the front panel of the Veo 120XXN, and then enter your password in the login screen. Remember that only Administrators and Managers can search and backup the video. For the list of account permissions and limitations, please refer to Table A on page 14.
2. On the Search menu, select the type of search you want to perform, and then press the ENTER button. To search for video by time, proceed to step 3. To search for video by event, proceed to step 7.
3. If you choose to search by time, a calendar appears. Press the ARROW buttons to select a date on the current month or select a different month, and then press the ENTER button after you have selected a date. The days that contain video recording are highlighted orange.

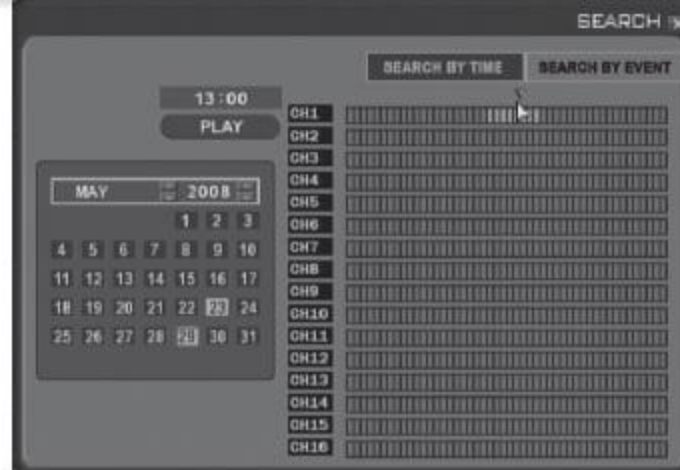


Figure 62. Search by Time Menu

After selecting the date on the calendar, you may now select a time along the 24-hour timeline for the selected date. Hours for which there is recording are orange. Hours for which no video is recorded are blank.

4. Press the Right or Left ARROW buttons on the front panel of the Veo 120XXN to move to the time that you want to view. When searching for video recorded during Daylight Saving Time, make a note of the following exceptions:
  - i. When the time is set back an hour, there will be two sets of video available for the 1:00 AM hour. You must select a time before 1:00 AM to search for both hours' worth of video.
  - ii. When the time is set forward an hour, there will be no video recorded between 2:00 AM and 3:00 AM.
5. Click the PLAY button once you have selected the time. All video channels will be displayed in a split screen mode, the video recording will start playing from the selected time onward; each video pane contains recorded video from a specific camera. The playback control panel will be displayed on the screen.
6. Refer to Playing Recorded Video on page 36 for instructions on playing back video.
7. To search by event, select SEARCH BY EVENT tab (Figure 64). Select a start time and end time as follows:

**TIP**

Use the USB mouse with the supporting Veo 120XXN models for much simpler navigation and setup.



Figure 63. Search by Event Menu

- i. Press the ENTER button to select the field, or to accept any changes.
  - ii. Press the Right or Left ARROW buttons to move to the next segment of the date or time.
  - iii. Press the Up or Down ARROW buttons to change the highlighted segment or to move to the next field to accept changes.
8. Move to the event types, and press ENTER to select or deselect each event type. (ALARM, MOTION, TIMER, ETC)
  9. Move to the channels section and press ENTER to select or deselect selected channel.
  10. Select the START button, and then press the ENTER to run the configured event search. Any recorded video that matches your search criteria will be listed below (Figure 65.)

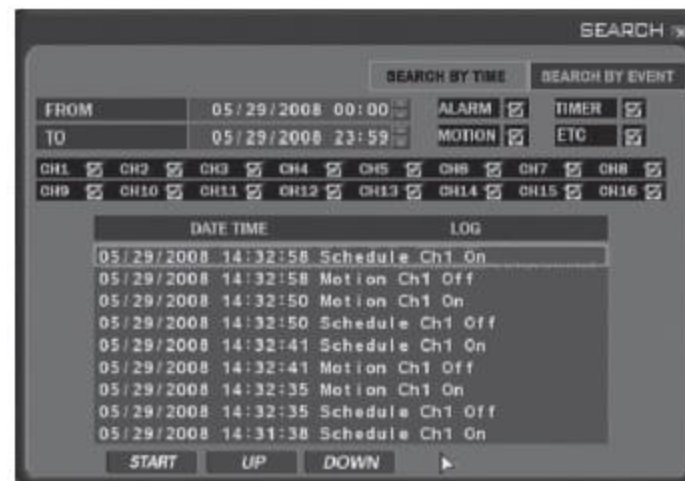


Figure 64. Search by Event, Results Window

10. Select a event from the list, and then press the ENTER button. All video channels will be displayed in a split screen mode, the video recording will start playing from the time of the selected event onward; each video pane contains recorded video from a specific camera. The playback control panel will be displayed on the screen.
11. To go back to the events list, press the RETURN button on the front panel of the Veo 120XXN or on the remote control.
12. Refer to Playing Recorded Video below for instructions on playing back video.

## PLAYING RECORDED VIDEO USING THE FRONT PANEL/REMOTE

To play back recorded video, you must first follow the instructions in the previous section to search for video. When you search, either by time or by event, the Veo 120XXN displays all channels on the screen (split screen mode). Use the numbered channel buttons (1-16) to view video from only one channel. This section will show you how to navigate the video using the Veo front panel buttons or using remote controller. To navigate the video playback with the USB mouse (supported Veo models only), use the on-screen playback panel.

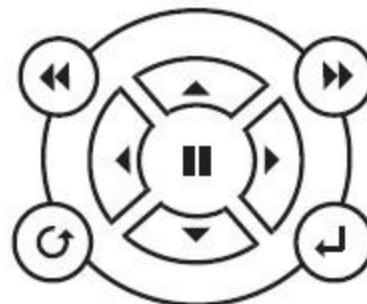


Figure 65. Video Control Buttons

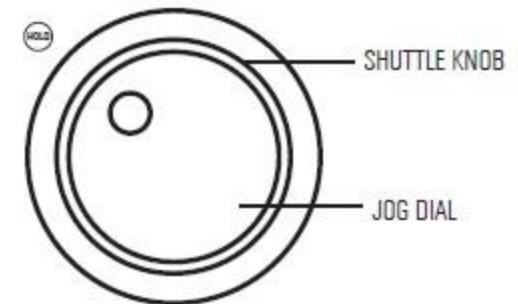


Figure 66. Jog/Shuttle Dial With Hold Button



1. Use the video control buttons on the front panel of the Veo 120XXN to play back video as follows.

- i. Press the Play button, or right arrow ( ▶ ), to play the video at the normal speed
- ii. Press the Reverse button, or left arrow ( ◀ ), to play the video backwards at normal speed
- iii. Press the Up arrow ( ▲ ) to increase the playback speed up to 64 times faster. You may use this either when playing forward or backward.
- iv. Press the Down arrow ( ▼ ) to decrease the playback speed down to normal x1 speed.
- v. Press the Pause button ( || ) to stop the video.
- vi. Press the Fast Forward button, or double right arrow ( ►► ), to play the video faster when playing in forward mode, or to play the video slower when playing in reverse mode.
- vii. Press the Rewind button, or double left arrow ( ◀◀ ), to play the video slower when playing in forward mode, or to play the video faster when playing in reverse mode.

2. Use the Jog/Shuttle Dial and the Hold button to perform the following actions:
  - i. While in search mode, turn the Shuttle knob (outer dial) clockwise to play the video normally. The video can be played up to 64 times faster. When you release the knob, the video stays in Pause mode, and the last frame that was played back remains on the screen. Turn the Shuttle knob counter-clockwise to play back the video in reverse mode. The video can be played up to 64 times faster in reverse. When you release the knob, the video also stays in Pause mode.
  - ii. Use the Jog Dial (inner dial) to play the video one frame at a time. You will see the Pause symbol on the screen while using the Jog dial. Turn the Jog dial clockwise to play frames forward and turn the dial counter-clockwise to play frames backward.
  - iii. Use the Hold button while using the Shuttle knob to lock the playback at the desired speed. To change the speed, either use the Shuttle knob or use the arrows to cancel the current locked playback speed.
3. After you have reviewed the video, press the RETURN button repeatedly on the front panel of the Veo 120XXN to resume viewing live video.

## BACKING UP VIDEO

The Veo 120XXN supports backup to two different devices: USB flash memory device and DVD-RW optical drive. To overwrite existing data on your media, change the archiving MODE from BURNING to ERASING & BURNING.

To back up video

1. Press MENU on the front panel of the Veo 120XXN or remote control and login into an administrative account. Move to the ARCHIVING tab by pressing the right ARROW button. Press the ENTER button to enter Archiving menu. The Archiving menu appears. Remember that only Administrators and Managers can perform video backups. For the list of account permissions and limitations, please refer to Table A on page 14.
2. Select the storage device that you want to use, and then press the ENTER button.
3. Select a start time and end time of the desired backup video.

**! WARNING**

By default, the new backup data is appended to the free space on a USB thumb drive, CD-R/W or DVD-R/W media. To overwrite existing data on your media, change the archiving mode to ERASING & BURNING. Make sure the drive does not contain any other important files prior to using it as a backup media.



Figure 67. Archiving Menu

4. Select the video you want to back up to the device as follows:
  - i. Select the specific channels for video backup. Move the green box by using the ARROW buttons on the front panel of the Veo 120XXN or on the remote control. Press the ENTER button on the channel box to enable/disable the backup on this channel.
  - ii. Select the audio signal for each channel that you want to include in the backup.
  - iii. Select the EVENT checkbox if you want to include the Event text file on the backup media.



5. If desired, move to Title field and modify the title for the video (default name is ARCHIVE):
  - i. Press the ENTER button on the Title field.
  - ii. Use the Virtual Keyboard to enter the new video title. See Figure 25 for instructions on how to use Virtual Keyboard. Up to 11 characters can be used in the title.
  - iii. When finished, select the Enter symbol in the virtual keyboard and press ENTER on the front panel of the Veo 120XXN or on the remote control.
6. Move to the START button, and then press the ENTER button to start the backup.
7. If there is no media in the drive, a warning message appears. Insert media into the drive, and then press the ENTER button.
8. The Backup menu displays a list of recorded video that matches your selection criteria along with estimates of how much storage space the video clips require. Review the list and decide whether or not to back up the video. Files that indicate a size of 0 MB will not be backed up.

ORIGINAL SIZE :		3 M	MODIFIED SIZE :		3 M
START-TIME		END-TIME		SIZE	
CH 1 :	05/29/2008 14:16	05/29/2008 14:16			3 M
CH 2 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH 3 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH 4 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH 5 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH 6 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH 7 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH 8 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH 9 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH10 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH11 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH12 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH13 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH14 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH15 :	05/29/2008 14:16	05/29/2008 14:16			0 B
CH16 :	05/29/2008 14:16	05/29/2008 14:16			0 B
LOG :	05/29/2008 14:16	05/29/2008 14:16			720 B

Figure 68. Archive Files List

9. Press the ENTER on the OK button, to start the backup, or either select CANCEL or press the RETURN button on the front panel or on the remote control to cancel the backup.
10. A series of messages appears on the screen that track the progress of the backup. If you backing up the video to a CD/DVD, the disc is ejected after the backup is complete.





*Figure 69. Writing Backup Data Onto Media*

11. Press the RETURN button until all menus are cleared from the screen.