



Merit LILIN Application Note

Control4 Remote Control for LILIN NVRs and Video Decoder

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Subject: This document describes the usage of Control4 remote control for LILIN NVR or LILIN video decoder over HDMI output.

Requirements:

LILIN NVR Touch firmware requirement: version: 1.0.42 or above

DVR7 or 8 series firmware requirement: version: 1.1.04 or above

ExtraVegetable driver requirement: 0.2.0

Product Supported with SSDP Protocol:

NVR104, NVR109, NVR116, NVR404c,

VD022,

DVR 7, DVR 8 series

Brief Instructions

Set the LILIN NVR to a static IP address or ensure it always receives the same IP address from the DHCP server via a MAC based reservation. Ensure the NVR is powered on and connected to the network. The NVR should be discovered by Composer using SSDP if you added the driver via discovery you do not need to set up the IP address.

Otherwise enter the IP address of the NVR using Connections – Network. Set the Username to the admin username set up on the NVR - the default is 'admin'. Set the Password to the password you have set for the login above - the default is '1111'.

If you have set the IP address, username, and password correctly and the NVR is powered on, the Name, MAC, Channels, and Software boxes will populate. Set the functions you require from the 'spare' buttons on the UIs.

Custom Programming

Additional commands are available as Device Specific Commands in custom programming. You can choose a camera to display full screen by using the Set Channel command or via the custom CAMERA command.





NVR Live Control

In NVR live mode, change to a specific camera in full screen—press "*" and "number of the camera".

- Sequence through cameras—"CH+" and "CH-" if a camera is in full screen.
- Matrix view—press "#" and "4, 8, 9, 13, or 16".

NVR Menu Control

Bring up menu of the NVR, press "Menu" button.

- Operating menu—Within "menu", press "Left", "Right", "Up", or "Down" buttons.
- Select a menu item—Within menu, press "Select" to return to live mode.
- "CNCL"—Escape from a menu.

NVR Play Control

The DVR key will bring up the Search dialog and is used to enter the Search Date/Time box in playback mode.

- "Play"—"Play" button for video playback.
- Change hours—In playback menu, press "Left", "Right", "Down", and "Up" for navigating the date and time.
- "Stop"—"Stop" button for stopping video play
- Change between units of time—"Up" and "Down" buttons in switching in between date unit.
- Playing Mode—"FF", "FR", and "Pause" buttons for video playing control and "Left", "Right", "Down", and "Up" for switching date/time control for NVR.
- The Skip Back and Forward buttons are used as Step Back and Step Forward in playback.

NVR PTZ Control

In NVR live mode and PTZ control modes, press "Left", "Right", "Down", and "Up" buttons for PTZ operations.

- Change to a PTZ preset—"Prev/Recall" and the "preset number"
- "Select" button is auto pan and stop auto pan.
- Zoom in—press "Page Up" button for zoom in.
- Zoom out—press "Page Down" button for zoom out.

Video Decoder

LILIN VD022 video decoder product is a low power-consumption H.264 decoding products for display video from LILIN's IP cameras, NVRs, and/or DVRs over network. A user can use VD022 for remote live monitoring and remote playback for LILIN IP products. Now, with the new ExtraVegetable NVR driver, you can use either Control4 remote control or LILIN remote control for operating the recording system.





Playback on VD022



VD022 can manage many DVRs/NVRs for remote playback. For choosing one of the DVRs/NVRs for live display or remote playback, please follow the instruction below:

1. Press “Menu” button and select “SETUP” icon.
2. Use Up or Down button for choosing Virtual Matrix menu.
3. Select DVR/NVR Table at Virtual Matrix menu.
4. Press “||” pause button for importing all the DVRs/NVRs for the first time.
5. Use Up or Down for choosing the DVR/NVR in DVR/NVR Table.
6. For playback, press “>” play button.
7. For live video, press “Rec” button.
8. During playback prompt, use numeric buttons for entering date and time.

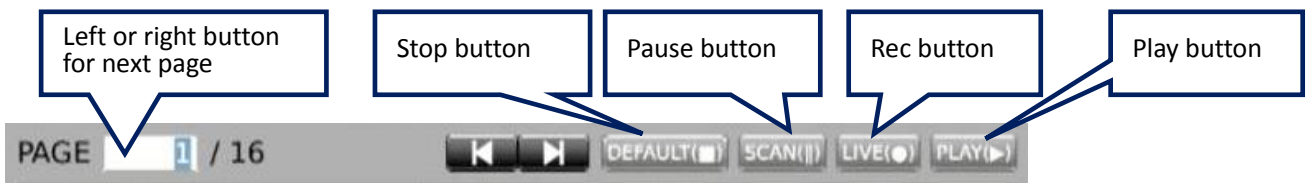


Figure #1: Menu for Virtual Matrix



Figure #2: Use Up or Down key for choosing a DVR/NVR

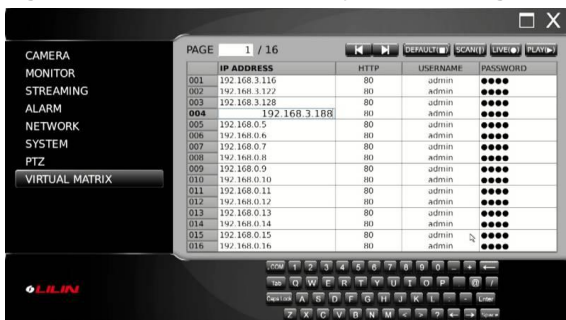


Figure #3: Use numeric buttons for entering date and time for playback

