Quick Start Guide

U12
16-channel NVR with PoE



Thank you for purchasing i3 International's U12 16-channel NVR. Your U12 NVR comes with the built-in 16-port PoE switch and i3's flagship SRX-Pro software. Purchase enough IP licenses to support your IP cameras.

SAFETY

When installing your U12 NVR, be sure to avoid:

- excessive heat, such as direct sunlight or heating appliances
- contaminants such as dust and smoke
- strong magnetic fields
- moisture and humidity
- areas with mechanical vibrations
- temperatures below 10°C (50°F) and above 30°C (86°F).

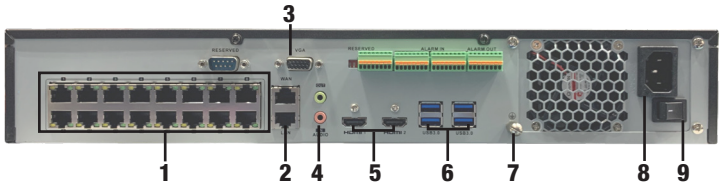
POWER SUPPLY

U12 Power consumption requirements: AC 100~ 240VAC.

PACKAGE CONTENTS

Ensure that the items received match the following. In addition to this Quick Guide and the U12 NVR, the packing box includes:

1. USB keyboard + mouse (x1)
2. Power cable (x1)
3. Security label (x1)
4. Rackmount bracket (ear x2) + bracket screws (x6)
5. HDMI cable (x1)
6. CAT5 Network cable. Connect to the Gigabit switch (x1)



Note: Unmarked components are not in use.

No.	Item	Description
1	PoE & VIDEO	16 x 100Mbps RJ45 PoE ports for 1.3-3MP IP cameras
2	Network Port	2x RJ45 10/100/1000 Mbps Ethernet interface
3	AUDIO IN/OUT	Audio Input / Output, Mic Level, 3.5mm
4	VGA Output	1x VGA video output
5	HDMI Outputs	2x HDMI video outputs
6	USB	4x USB 3.0 interface 2x USB 2.0 interfaces on front panel
7	GND	Ground
8	AC Power In	AC Power in Port
9	Power Switch	Power ON/OFF

Scan this QR code or visit **ftp.i3international.com** to view and download **Annexxus Configuration Tool v1.7 (ACT)** and additional documentation.

Contact our Technical Support team at: **1.877.877.7241** or **support@i3international.com** if you have any questions or concerns regarding camera installation or if you require software services or support.

QR Code for Complete User Manual and ACT

INSTALLATION

U12 NVR comes with a 1.5U chassis for convenient Rackmount installation. Follow all safety precautions when selecting an installation location for your U12 NVR.

Tip: Ensure the NVR is within 1 meter (3 feet) from the UPS and the NVR and its cables have sufficient space. The system must be placed on an even surface (shelf or Rack mount).

1. Use supplied screws to secure provided rack brackets to the U12 unit. Then install the U12 NVR into the server rack.
2. Turn the Power Switch (#9) to the OFF position.
3. Plug the USB mouse and the USB keyboard into the USB ports on the front panel.
4. Plug in the HDMI (#5) or VGA (#3) monitor using video output ports.
5. Plug IP cameras into the RJ45 PoE ports (#1).
6. Connect Mic and Speaker into Audio In/Out ports (#2), if using.
7. Use the RJ45 Ethernet port labeled WAN (#2) to connect U12 to your network.
8. Plug in the supplied power cable into the AC Power In port (#8) and connect the NVR to an Uninterrupted Power Supply (UPS).

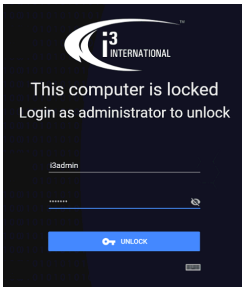
   Note: Uninterrupted Power Supply usage is mandatory for the reliability and longevity of your NVR. Failure to use UPS may void your factory warranty.

9. Return the Power Switch (#9) into the ON position. The NVR will then power on.

FIRST STARTUP

Your U12 NVR is running Windows 10 IoT OS and comes pre-installed with the latest version of SRX-Pro software.

As part of the first startup, you will need to:
A. Set a new administrative password.
B. Ensure the Time Zone is configured correctly.

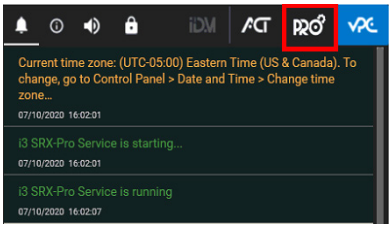


Set New Admin Password

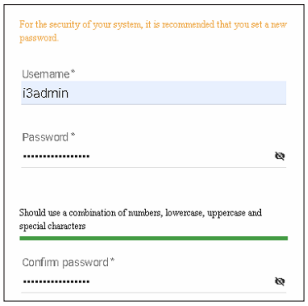
When the NVR first boots up, you will see the Windows Lock Screen

1. Unlock the NVR with default credentials.

Username: **i3admin**
Password: **i3admin**



2. Click **PRO** icon in the SRX-Pro monitor utility to open SRX-Pro Setup in a web browser.



3. Set the new administrative password for i3admin username and click SAVE.

Follow suggested password guidelines for a strong password.

Keep your new password secure.

QUICK START GUIDE

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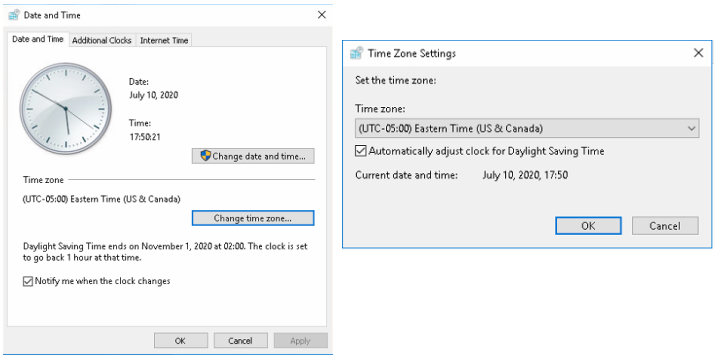
Adjust the Time Zone

All NVR units sold by i3 international are pre-set to Eastern Time zone (UTC -5:00). If your NVR is in a different time zone, **you must set the correct time zone on the first system start up.**

If the NVR is later re-located to a different time zone, this setting must be changed again. All previously-recorded data must be formatted after each time zone change. Failure to do so may result in system malfunction.

To change your NVR time zone, unlock the NVR first, then Go to Start menu and type Control Panel. In Control Panel, click **Date and Time** > **Change time zone...**

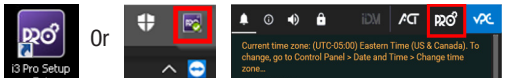
Set your NVR's Time zone from the drop-down menu and click **OK**.



ADD VIDEO INPUTS to SRX-PRO v7

Make sure to set unique IP address to every IP camera/encoder before adding it to SRX-Pro v7. Use i3's ACT (Annexxus Configuration Tool) utility for i3 cameras and encoders. ACT is pre-installed on your NVR.

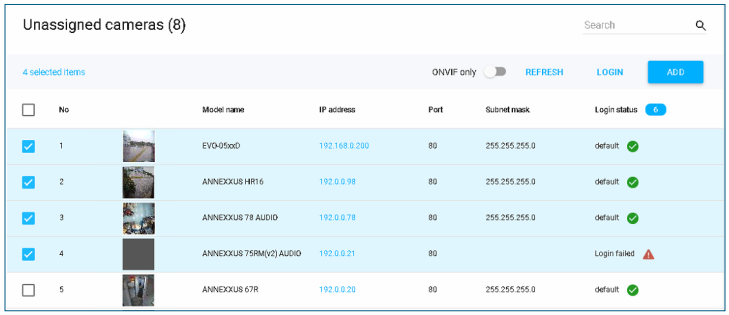
1. Launch i3 Pro Setup from the Desktop or from the SRX-Pro Monitor.



2. Enter your administrator **Username** and **Password** and click **LOGIN.**
3. Click the **Add** tile.



4. All i3 and third party cameras and encoders recognized by i3's GiPi and ONVIF will be shown in the UNASSIGNED CAMERAS tab.



5. Enter correct login credentials for all devices with "Login failed" symbol (if any).

   Select all "Login failed" devices that share login credentials and click LOGIN.

6. Enter device's **Username** and **Password** and click SAVE

   Green checkmark indicates that the camera/encoder is ready to be added.

7. Select all devices with a green checkmark and click ADD.

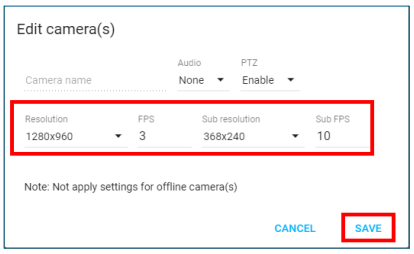
Your cameras/encoders have now been added and are set to record based on Sensor + Motion schedule.

RESOLUTION / FRAME RATE / CHANNEL ORDER

To make setting changes to added cameras, click the **List** tile.



1. Select one or cameras and click EDIT
2. In the Edit camera(s) window, adjust Resolution and FPS settings for the Main and Sub streams, PTZ (Enable/Disable), and/or Audio and click **SAVE.**

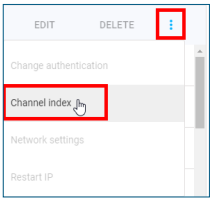


U12 Recommended Settings:

Main Stream:
1.3MP @ 3fps

Sub Stream:
CIF @ 10fps

3. To rearrange the channel sequence, click on the ellipsis icon and click **Channel Index**. Drag-and-drop camera thumbnail to swap two channels, or use the drop-down next to each thumbnail to pick preferred channel position. Repeat for all thumbnails.

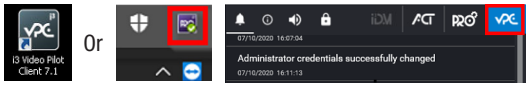




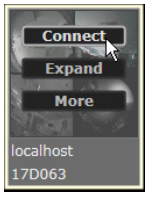
LIVE VIDEO

Use Video Pilot Client application (pre-installed on your NVR) to view Live video and to Search/Backup recorded video.

1. Launch i3 Video Pilot Client from the Desktop or from the SRX-Pro Monitor.



2. Mouse over **localhost** tile and click **Connect**.
3. Login using SRX-Pro administrative or user credentials



Tip: To view Live video instantly using Guest account, go to **SRX-Pro Setup > Server > User management > User groups** and edit the **Idle** group. In Permissions, expand Live - Search - Backup drop-down and enable Live mode Live for all or select cameras.

If using Guest account to view Live localhost video, you must **Login** before being able to Search or Backup video. To protect the security of your system, Logout when done.



- Double-click on any channel to bring it into Full Screen mode.
- Hover over any channel to see on-screen control panel.
- Click on the screen division icon to change current display mode.
- Use the Search bar to quickly locate camera by camera name, model or IP.

