



Quick Start Guide



U20 SRX-Pro 48-channel NVR

Thank you for purchasing i3 International's U20 48-channel NVR. Your U20 NVR comes pre-installed with i3's flagship SRX-Pro software. Purchase enough IP licenses to support your IP cameras.

SAFETY

When installing your U20 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).

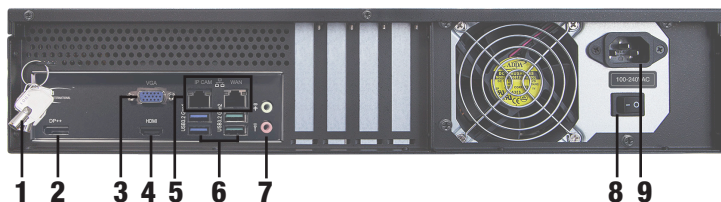
POWER SUPPLY

U20 Power consumption requirements: 100~240VAC.

PACKAGE CONTENTS

Ensure that the items received match the following. In addition to this Quick Guide and the U20 NVR, the packing box includes:

1. USB keyboard + mouse (x1)
2. Power cable (x1)
3. DisplayPort to HDMI cable (x1)
4. Security label (x1)



Note: Unmarked components are not in use.

No.	Item	Description
1	Keys	Front panel keys. Tip: Lock the front panel to restrict access to storage hard drives.
2	DP++	1x Dual-Mode DisplayPort++ port (4K monitors supported)
3	VGA	1x VGA video output
4	HDMI	1x HDMI port (4K monitors supported)
5	Network Port	2x RJ45 10/100/1000 Mbps Ethernet interface IP CAM - connect to the IP Camera network WAN - connect to the Internet (WAN) network
6	USB 3.2	2x USB 3.2 Gen1; 2x USB 3.2 Gen2 interfaces
7	Audio IN/OUT	Audio Input / Output, Mic Level, 3.5mm
8	Power Switch	Power ON/OFF
9	AC Power In	AC Power in Port

Scan this QR code or visit ftp.i3international.com to view and download **Annexus 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

U20 NVR comes with a 2U chassis for convenient Rackmount installation. Follow all safety precautions when selecting an installation location for your U20 NVR.

Reminder: Use i3 approved HDD models **only** (Western Digital Gold and Ultrastar).

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. Turn the Power Switch (#8) to the OFF position.
2. Plug the USB mouse and the USB keyboard into the USB ports on the front panel (or rear panel).
3. Plug in the DP++ (#2), VGA (#3) or HDMI (#4) monitor using one of the corresponding video output ports.
4. Plug IP cameras into a Gigabit Switch and connect to IP CAM RJ45 port (#6).
5. Connect Mic and Speaker into Audio In/Out ports (#7), if using.
6. Use the RJ45 Ethernet port labeled WAN (#6) to connect U20 to your network.
7. Plug in the supplied power cable into the AC Power In port (#9) 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.

8. Return the Power Switch (#8) into the ON position. The NVR will then power on. If not, press the Power button located on the front panel of the NVR.

FIRST STARTUP

Your U20 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.

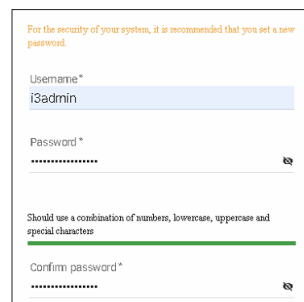
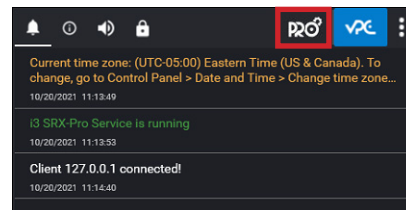
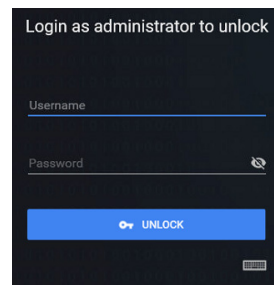
Username: **i3admin**
Password: **i3admin**

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

U20, 48-channel NVR

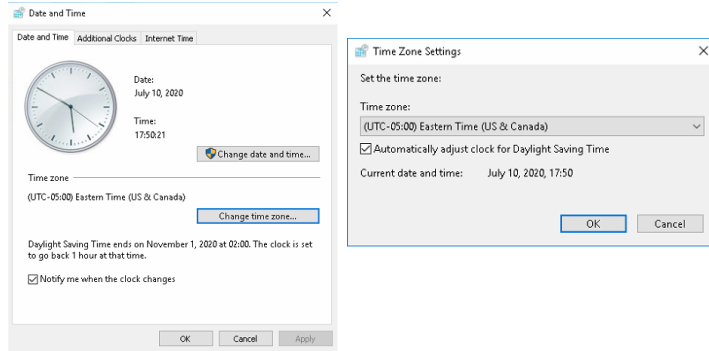
Adjust the Time Zone

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...**

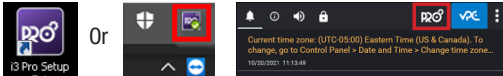
Set your NVR's Time zone from the drop-down menu and click **OK.**



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 (Annexus Configuration Tool) utility for i3 cameras and encoders. ACT is pre-installed on your NVR.

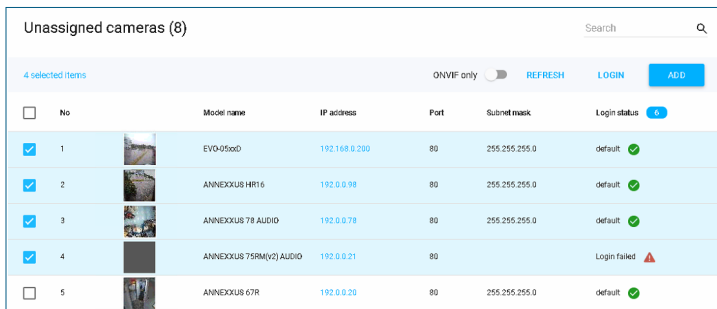
1. Launch i3 Pro Setup from the Desktop or from the SRX-Pro Monitor.



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.**

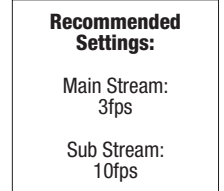
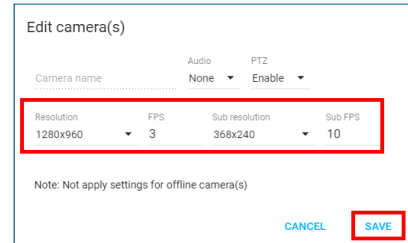
Your cameras/encoders have now been added and are set to record based on Sensor + Motion schedule.

RESOLUTION / FRAME RATE / CHANNEL ORDER

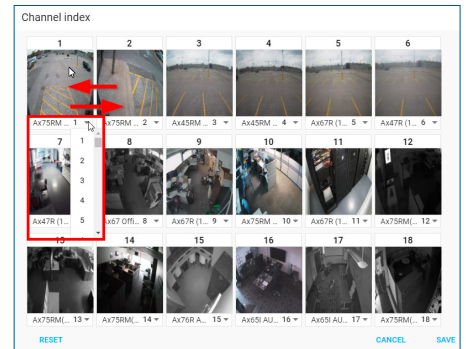
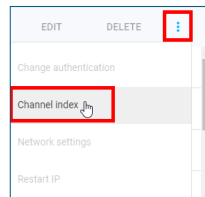
To make setting changes to added cameras, click the **List** tile.



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.**



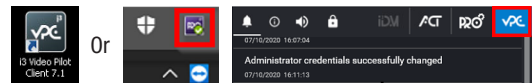
3. To rearrange the channel sequence, click on the ellipsis icon ⋮ and click **Channel Index.** Drag-and-drop camera thumbnail to swap two channels, or use the drop-down next to each thumbnail to pick preferred channel position. Repeat for all thumbnails.



LIVE VIDEO

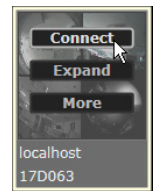
Use Video Pilot Client application (pre-installed on your NVR) to view Live video and to Search/Backup recorded video.

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.

