

IP2RX Software Setup

Introduction

This technical note will show you how to setup the IP2RX software so that the SmartLiving panels can communicate to your computer for control room reporting.

Things to know before you begin

Ensure you are using Windows 7 or above operating system.

Ensure you have the latest IP2RX software installed on your computer before following these steps.

Setting up the IP2RX software for the first time

1. Setting up Supervisors

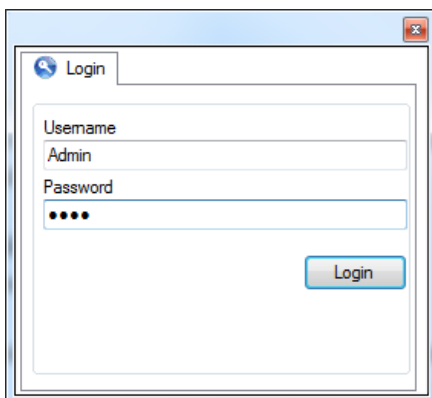
Supervisors play an important role in the IP2RX software.

A Supervisor will send all commands to the control room software using a RS232 port (or via a USB-to-RS232 cable).

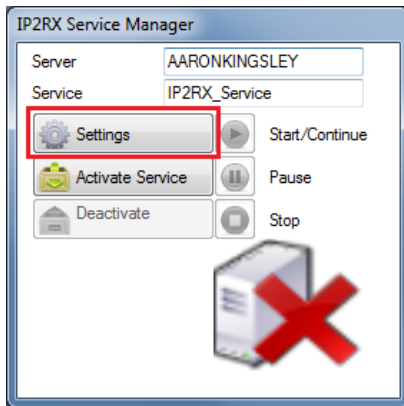
1. Once the software is installed you need to open it.
If it asks for a username and password then enter in the default username and password:

Username: Admin

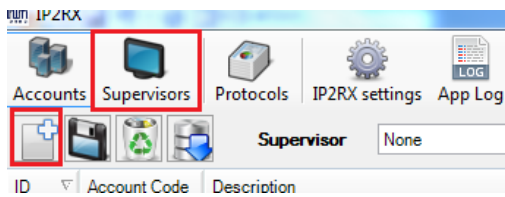
Password: pass



2. Once logged in, select **Settings**.



3. Select **Supervisors** from the top menu and then click on the **New** icon button.



4. Insert a name for this supervisor.

Description

This is the description of the supervisor

Receiver Number

Numeric field for the identifier number of the receiver

Protocol for IP2RX Events

This is the protocol the IP2RX software is going to spit out of the RS232 port.

Connection

This is the Port number the software is going to send the data out on.

Then you need to fill in the serial port settings for this port.

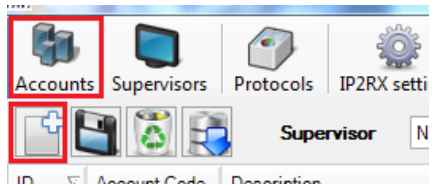
Once the above is filled in, click on the **Save** button.

2. Setting up Accounts

All panels that are going to report to this IP2RX software must be loaded into the Accounts table otherwise this panel will not be accepted and all incoming data will be ignored from this panel.

The following needs to be done for all panels that want to report to the IP2RX software.

1. Click on **Accounts** then click on the **New** icon.



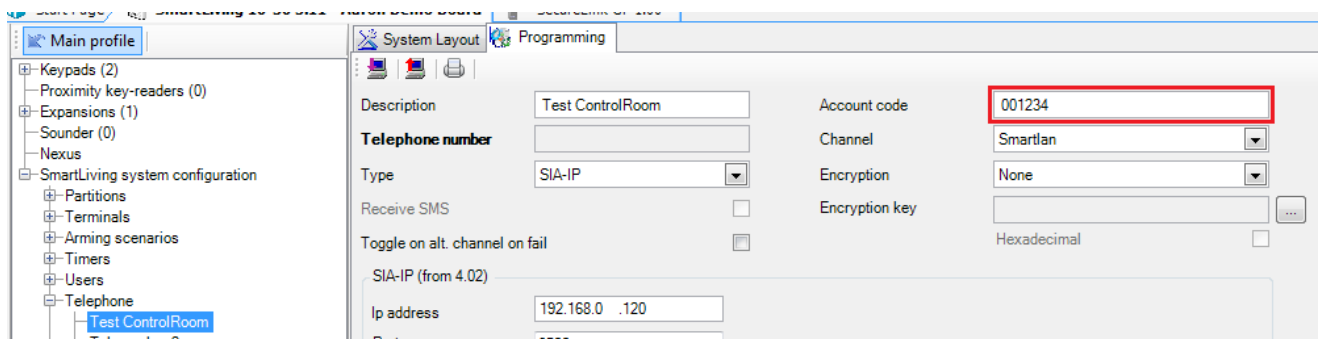
2. You now need to enter in the new account details.

Account Code

This is the client account number that is being used in the SmartLiving panel.



If the client account number is only 4 digits then you will need to put 00 at the start of the client account number to make it a 6 digit number, otherwise it will not report correctly.



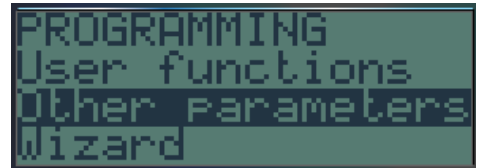
Panel Serial Number

This is the SmartLiving serial number.

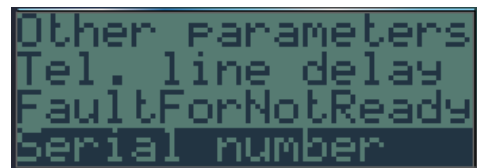
To get the serial number you need to do the following on a keypad that is enrolled into the panel.

1. Press OK, then enter in the installer code. (by default the installer code is 9999)

2. Scroll down into you get to **Other Parameters** and press **OK**.

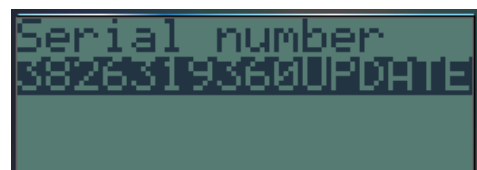


3. Scroll down into you get to **Serial number** and then press **OK**.



4. The serial number of the panel is then displayed.

This is the serial number that needs to be used in the IP2RX software.



Description

Enter in a description for the panel.

This is used to identify the panel at a later time.

Panel Serial Number

This is the SmartLiving serial

Supervisor

This is the supervisor we created from earlier on.

This is the connection the IP2RX is going to send the data to when it receives the incoming data from the panel.

Protocol

This is the protocol the IP2RX is going to use through the RS232 port.

SmartLan/G

Enter in the SmartLan/G username and password that is being used in the SmartLeague software for this panel that you are adding. (only if you are connecting to the IP2RX using the SmartLan/G module)

Keep Alive Parameters

It's recommend that you enable the Keep Alive and set the period to 2 Minutes like shown below:

Keep Alive Parameters

Enabled Keep Alive Event Sent from Panel: RP - Automatic Test

Send Event to the Supervisor Attempts: 1

Log Event

Keep Alive from SMARTLAN G-SI Keep Alive from NEXUS

Period (min): 2 Period (min): 1

Account encryption

Encryption Type: No Data Encryption Key:

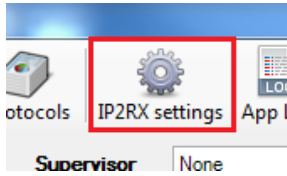
Once the above is configured, click on the **Save** button.



The above section must be done for each panel that is going to report back to this IP2RX software.

3. IP2RX Settings

Select the IP2RX Settings button from the toolbar at the top of the screen.



Set the **Recipient Port** to the port you wish to use.
By default this port is set to **6500**.

Once the port is set press the **Test Port** button.
This will tell you if you can use that port or not.



If the connection is successful it will display **Is Available**.



If it's not available then it will show **Is Occupied**

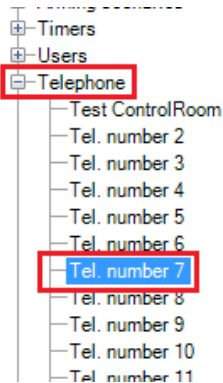
This means that the port is being used already on your computer by another software package and you need to choose a different port to use.



Setting up the panel to communicate to the IP2RX Software

1. Open the account in the SmartLeague software.
2. Expand **Telephone** from the list on the left and choose a telephone that you are not using.

In this example, I will be using Telephone number 7.



3. Enter in the details for this panel.

Description

This is just a name so you know what this connection is going to be doing.

Telephone Number

Leave the phone number blank

Type

Select this as SIA-IP. This will tell the panel to send the commands by IP to the IP2RX software.

Toggle on Alt. channel on fail

If you are using a Nexus GSM module, you can select this box.

If the LAN disconnects for any reason, the Nexus module will take over and it will then send the commands using the Nexus Module.

Description	<input type="text" value="Tel. number 7"/>
Telephone number	<input type="text"/>
Type	<input type="text" value="SIA-IP"/> ▼
Receive SMS	<input type="checkbox"/>
Toggle on alt. channel on fail	<input type="checkbox"/>

Account Code

This is the client account number for the control room.



If the client account number is only 4 digits then you will need to put 00 at the start of the client account number to make it a 6 digit number, otherwise it will not report correctly.

Channel

If you are using a SmartLan module then you can select SmartLan otherwise you can select Nexus if you are going out on the GSM.

Encryption & Encryption Key

Leave this set to **None** and don't load any Encryption key.

Account code	<input type="text" value="001234"/>
Channel	<input type="text" value="Smartlan"/>
Encryption	<input type="text" value="None"/>
Encryption key	<input type="text" value=""/> <input type="button" value="..."/>
	Hexadecimal <input type="checkbox"/>

IP Address

This is your computers IP address that is running the IP2RX software, or the external IP address of your router.

SIA-IP (from 4.02)	
Ip address	<input type="text" value="192.168.000.120"/>
Port	<input type="text" value="06500"/>

Partitions

Tick the partitions you wish to report.

Partitions	
<input checked="" type="checkbox"/> Partition 1	<input type="checkbox"/> Partition 6
<input type="checkbox"/> Partition 2	<input type="checkbox"/> Partition 7
<input type="checkbox"/> Partition 3	<input type="checkbox"/> Partition 8
<input type="checkbox"/> Partition 4	<input type="checkbox"/> Partition 9
<input type="checkbox"/> Partition 5	<input type="checkbox"/> Partition 10

Additional Information:

Customer Service

Phone: 1300 551 991 (M-F 8:30am – 5:00pm)

Email: customerservice@ness.com.au

YouTube: www.youtube.com/nesscorporation