WARNINGS:

This dialer does not call the reference persons by telephone; it sends digital IP alarms to the Control Centre (ARC/Supervisory Institute).

It is possible to send two signals to the operations centre, GENERAL ALARM, FIRE AND GENERAL FIRE SYSTEM FAILURE.

It is possible to receive 2 SMS, I mean FIRE ALARM AND GENERAL FAULT.

IT IS NOT POSSIBLE TO SEND details about devices during FIRE ALARMS.

To make sure that the whole system is compliant and certified, it is not enough to have the certified dialer (hardware only) but it is also necessary that the receiving center (at the supervision) is equipped with a software that can guarantee the performance required by European Standards EN 54-21.

This software in your case is represented by the AddSEcure ISA-4 Software Receiver, which operates as a line receiver Sur-Gard MLR-2 or Radionics 6500, receivers that support the Contact-ID protocol. By the way the other supported protocols are SIA (DC01-DC03), Contact ID (SIA DC-05) over IP and 4G.

CHECK WITH THE FINAL CUSTOMER WHETHER THE SUPERVISORY INSTITUTION HAS SUCH COMPATIBLE OPERATING SOFTWARE, OTHERWISE THE CONNECTION WILL FAIL.

This is to be considered only as a quick guide, for more "*specific*" features, you must refer to the complete manual of the software and specific modules.

Let's Start

First off, without these parameters you CANNOT activate the dialer.

- Positioning Dialer in full GSM coverage area.

- Loop module 41IOM122 dedicated for the activation of alarm signals.

- Get 4K7Ω and 15KΩ resistors for the Combiner input monitor (because they are not included).

- Get a phone SIM with Operator having excellent network coverage signal.

<u>If you want to use with Vigilance must do also:</u>

- Have a contract/subscription with a Security Institute with an alarm sending protocol via IP compatible IRIS SECURE APPS. (example: Altea Security Milano for our domestic market);

- Verification receiving system compatibility with ADD SECURE ISA 4;

- SIM with Internet data contract and/or LAN network connection with Internet Gateway if is used with Vigilance;

- Customer's number provided by Vigilance Institute;

- External IP address of Control Centre receiving messages (ARC).

The Physical connection between the Atena series Control Panel or Logifire Control Panels and the Iris Dialer is via Inputs and outputs from the 41IOM122 Module, the power supply is 24V from Fire Control Panel or supervised power supplies.

The balancing resistors of the Combiner's 4K7 and 15K inputs are NOT included.

On Module 41IOM122 we use:

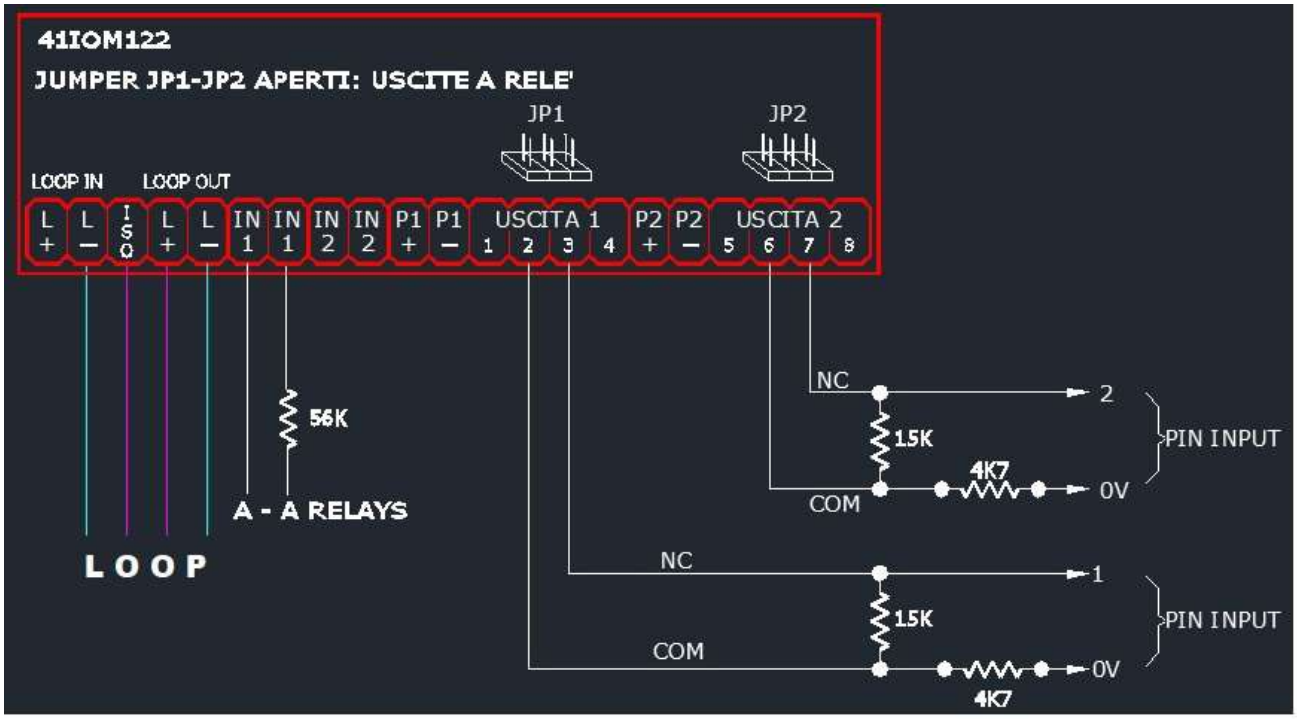
- Input 1 Module 41IOM122 for the general failure status of the **RELAYS A-A** Output Dialer to signal the combinator failure in the Fire control panel.

- Output 1 Module 41IOM122 to communicate General Fire Alarm to Input dialer **1 PIN INPUT** and accordingly alert the Watch or SMS.

- Output 2 Module 41IOM122 to communicate General Fault to the input dialer **2 PIN INPUT** and consequently alert the Vigilance or SMS.

- Jumper JP1 and JP2 Module 41IOM122 must be **REMOVED** to use unsupervised outputs.

The wiring shall be carried out in any case, as follows



Connect the 24V power supply to the dialer in the POWER terminals on the bottom left. Connect the supplied antenna.

To touch the screen, you must use the supplied pen.

Programming:

1. Check the electrical connections according to diagram in this quick guide.

2. Remove the SIM PIN via a common phone.

3. From the OFF dialer, insert the SIM card into the housing in the indicated direction and turn on the dialer.

4. To set the correct language, press "touch to set language" and set the desired language;

5. Press "Tap to configure"

6. Press the installer password, (default 6 times 1) 111111

7. Press continue to change password as required

8. Press 6 times zero: 000000 and save

9. Confirm the new password 6 times zero: 000000, then save.

To activate the dialer via SMS, watch out the following SOLUTION IS NOT CERTIFIED;

1. From the main menu select SETTINGS

2. Select input PIN

3. Select PIN1

a. Enable the SMS

b. Enable Monitor cable

c. Enabling ACTIVE

d. Enter phone number to call

e. Enter under SET msg "FIRE ALARM"

f. Enter under RISTAB msg "FIRE ALARM RESET"

g. Select RETURN.

4. Select PIN2

a. Enable the SMS

b. Enable Monitor cable

c. Enabling ACTIVE

d. Enter phone number to call

e. Enter under SET msg "CENTRAL FIRE FAULT"

f. Enter under RISTAB msg "CENTRAL FAULT RECOVERY FIRE"

g. Select RETURN.

5. Go back to the SETTINGS menu and choose the FAULT REPORT menu

6. Choose “via RELAY”

7. Set the letter A to item 2/3/4, then choose back.

Configuration with Vigilance Institute

1. From the main menu.

2. Press "Install Wizard"

3. If required, Select the type of interface to be used 2/3/4G in case of data SIM, in case of also using network card enable Ethernet, press Continuous.

4. Deselect all 3 items, press Continue.

5. Click on "Set" or "Vary" and enter the numeric code assigned by the control panel, save, press continues.

6. Set the external IP address of the operations centre to which alarm messages are to be sent, press Continuous.

7. A signal strength screen will be proposed.

8. Now set the values of APN User and Password of your SIM data and press Continuous. (usually, user and password can remain without values).

   a. It will perform a connection check and if necessary, propose the FW update of the dialer. If necessary, make an update. A firmware message loaded and restarted in 60 seconds, so confirms the update..

   b. It will then carry out a connection test to the supervisory institution, should propose a successful control screen.

9. Under "want to use alarm pin" choose NO, and then FINISH.

10. From the main menu select SETTINGS

11. Select input PIN

12. Enable SIA , press Continue

13. Select PIN1

    a. Enable Monitor cable

    b. Enable ACTIVE

    c. Verify that the value in SET msg is NFA01

    d. Check that the value in RISTAB msg is NFR01

    e. Select BACK.

14. Select PIN2

    a. Enable Monitor cable

    b. Enable ACTIVE

    c. Change the value "SET msg" to NFT02

    d. Change the value "RISTAB msg" to NFJ02

    e. Select BACK

15. Go back to the SETTINGS menu and choose the FAULT REPORT menu

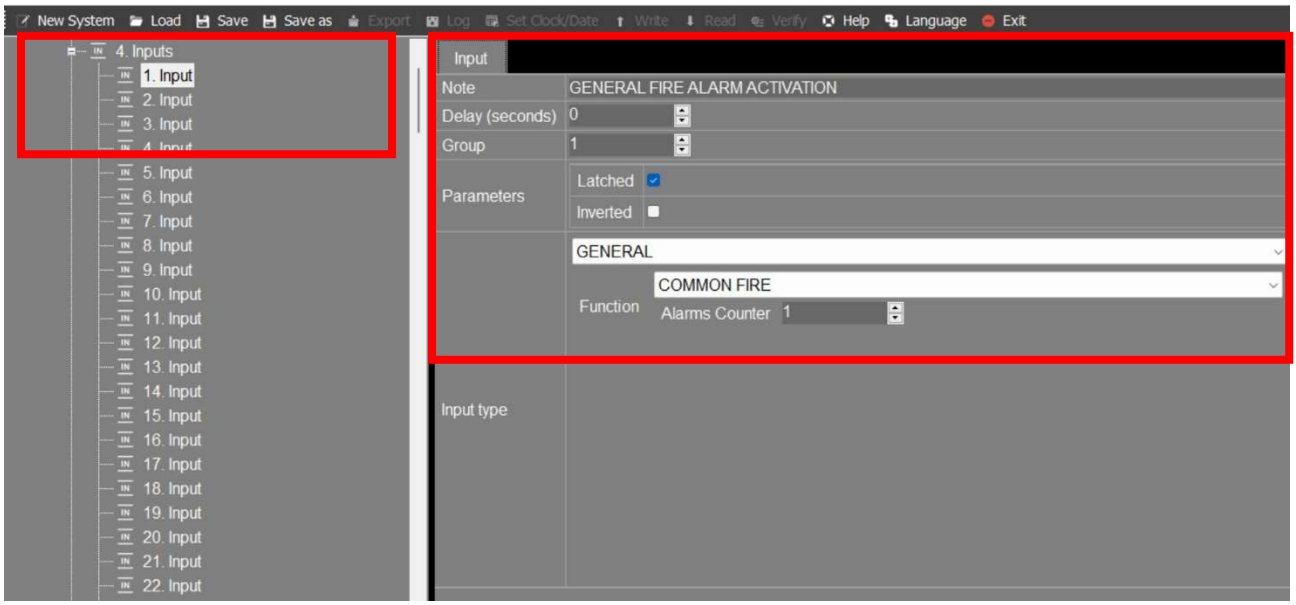
16. Choose “via RELAY”

17. Set the letter A to item 2/3/4.

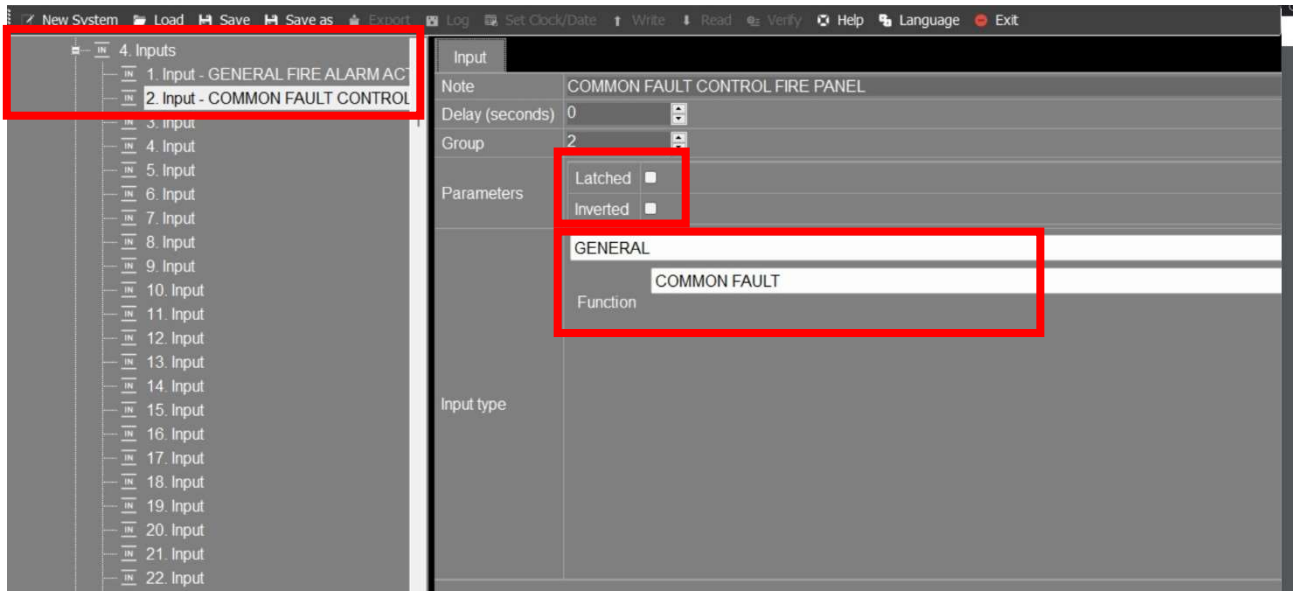
18. Set the letter A to the FAULT item, choose back and then return to the main menu.

Configure the inputs and outputs on the Logifire Control Panel:

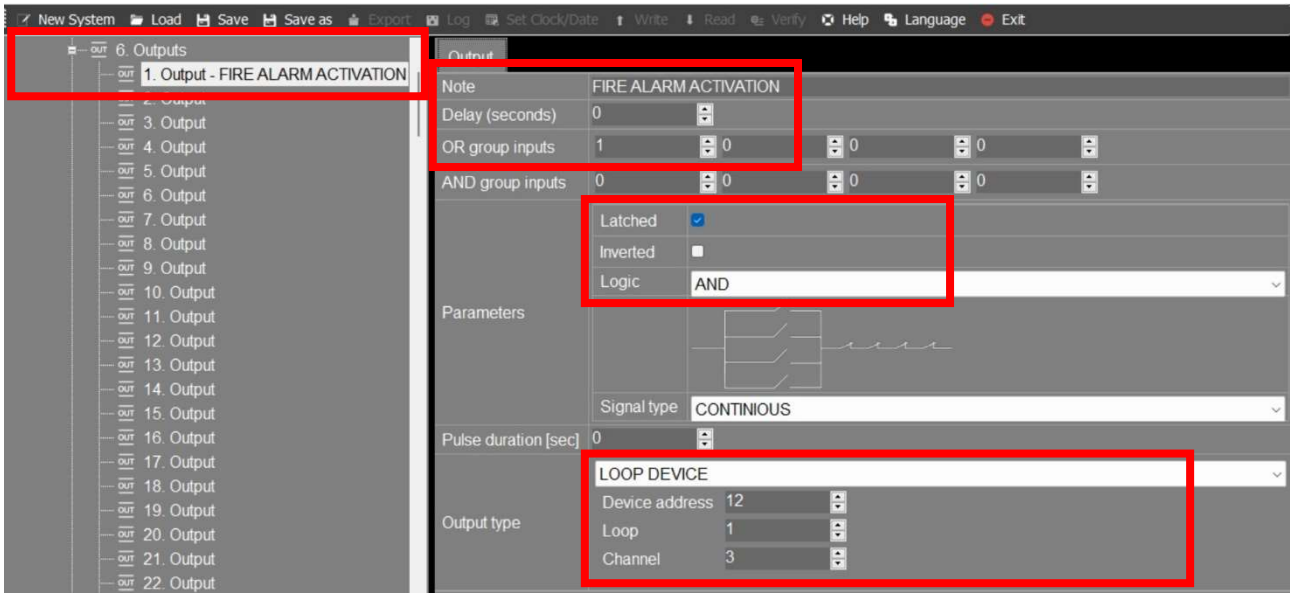
We set two logical inputs, the first for general fire alarm as shown:



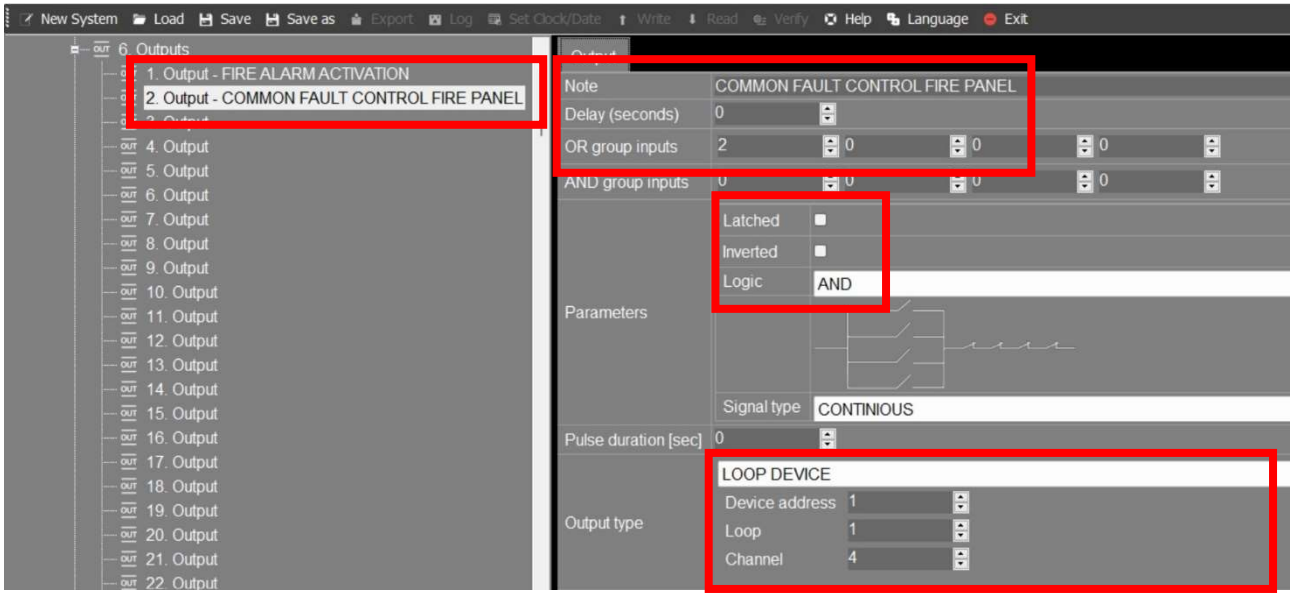
The second as a COMMON FAULT:



We set the first logical Output following the logical Input Fire Alarm, set as output type device on the loop with the ID address of the connected module to the dialer and channel no. 3 (for example).



We set the second logical output that follows the general fault input, we set as output device type on the loop with the module ID address connected to the dialer and channel no. 4.



Let's name dialer's input fault on 41IOM122 module:

