



IncomLink

Inaxsys Communication Link

Incomlink | Quick Start Guide - LTE Communicator

Incomlink LTE communicator quick start guide:

Note: Before you start, please make sure you have your cell provider's APN (Access point name), login details (if required), and both the SSID and PW of the wireless network. (INCOM-LTE-WF)

Always insert the SIM card when there is no power to the device.

The communicator must be connected to a network before you can add it to the www.incomlink.com cloud server.

In the following steps, you will need the Incomlink Configurator software and a usb cable. You can get the software from this link below:

<https://www.inaxsys.com/en/support/downloads-center/>

1. Connect the provided USB cable to the Incomlink device and to the computer.
2. Install the Incomlink configurator software on your computer. (Windows based only)
3. Launch the Incomlink configurator. If your communicator is connected via USB, you will see the com port listed. Select the correct com port and hit the connect button.



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4. If your device has Wifi, you can start with connecting to the local wifi network by hitting the wifi network setup button. (The gear icon under Module Status and next to Wifi network.) Then you can scan for the network or enter the SSID manually with the password.

INCOMLINK Configurator v2.40

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TYPE: INCOM-LTE-WF [MODEL 3]
FIRMWARE: v1.16.339
Device ID: 4a3a6b12977143be

LATEST EVENTS

09:20:29: WIFI scan: {bssid:"fc:ec:da:b7:97:23",ssid:Inaxsys Corporate,rssi:-67}
09:20:29: WIFI scan: {bssid:"fe:ec:da:b7:97:23",ssid:Inaxsys Guest,rssi:-68}
09:20:29: WIFI scan: {bssid:"fc:ec:da:b7:98:d5",ssid:Inaxsys Corporate,rssi:-70}
09:20:29: WIFI scan: {bssid:"82:2b:f9:15:af:d8",ssid:DIRECT-d8-HP M426 LaserJet,rssi:-74}
09:20:29: WIFI scan: {bssid:"40:f2:01:ea:32:3f",ssid:BELL287,rssi:-86}
09:20:29: WIFI scan: {bssid:"6c:c2:17:55:c4:f0",ssid:HP-Print-FO-Officejet Pro 8620,rssi:-87}
09:20:29: WIFI scan: {bssid:"40:f2:01:f3:5f:87",ssid:BELL519,rssi:-88}

WARNING! Remote programming of the security system during USB connection is not allowed!

MODULE STATUS

Mobile network: -
Network signal (%): 0%
Wifi network: Wifi setup
Wifi signal:
Monitoring station 1:
Monitoring station 2:
Dial capture:
Output 1:
Output 2:
Supply voltage: 13.10V

MONITORING STATION 1 SETTINGS

IP address:
Port: 9998
Protocol: UDP
SIA prefix:
Object identifier: 0000
Replace obtained identifier: NO
Link test period: 3 mins
Link test code:

MONITORING STATION 2 SETTINGS

IP address:
Port: 9998
Protocol: UDP
SIA prefix:
Object identifier: 0000
Replace obtained identifier: NO
Link test period: 3 mins
Link test code:

SERIAL PORT SETTINGS

Baud rate: 9600
Data bits: 8
Parity: None
Stop bit: 1

MODEM AND GPRS SETTINGS

PIN code:
GPRS APN: em
User:
Password:

COMM. EVENT CODES

Battery low: 314
Setup changed: 306
OUT controlled: 205

Wifi setup

Wifi 1/2: Wifi 1 (primary)
Access point name: TechSupport [100%]
Password:
Scan Edit
Save

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5. Enter the SIM card APN and login (if required) under “Modem and GPRS Settings”. Hit the send to device button highlighted in RED below. (This button will become red when there is new configuration details to be saved to the device.)

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TYPE: INCOM-LTE-WF [MODEL 3]
 FIRMWARE: v1.16.339
 Device ID: 4a3a6b12977143be

LATEST EVENTS

09:26:01: Local IP: 192.168.1.137
 09:27:42: WIFI RESET
 09:27:43: WIFI STOP
 09:27:43: WIFI START
 09:27:44: WIFI CONNECTED: TechSupport
 09:27:45: WIFI IP: 192.168.1.137
 09:27:45: Local IP: 192.168.1.137

WARNING! Remote programming of the security system during USB connection is not allowed!

MODULE STATUS	
Mobile network:	-
Network signal (%):	0%
Wifi network:	TechSupport
Wifi signal:	100% [-36 dBm]
Monitoring station 1:	
Monitoring station 2:	
Dial capture:	ONHOOK
Output 1:	INACTIVE
Output 2:	INACTIVE
Supply voltage:	13.10V

MONITORING STATION 1 SETTINGS	
IP address:	
Port:	9998
Protocol:	TCP
SIA prefix:	
Object identifier:	0000
Replace obtained identifier:	NO
Link test period:	24 hours
Link test code:	

MONITORING STATION 2 SETTINGS	
IP address:	
Port:	9998
Protocol:	UDP
SIA prefix:	
Object identifier:	0000
Replace obtained identifier:	NO
Link test period:	3 mins
Link test code:	

SERIAL PORT SETTINGS	
Baud rate:	9600
Data bits:	8
Parity:	None
Stop bit:	1

MODEM AND GPRS SETTINGS	
PIN code:	
GPRS APN:	em
User:	
Password:	

COMM. EVENT CODES	
Battery low:	314
Setup changed:	306
OUT controlled:	205

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- When your device is connected to the mobile network, you will see the name of the provider and signal strength. Just like with the wifi link.

The screenshot displays the INCOMLINK Configurator v2.40 interface. At the top left, the Inaxsys logo is shown. Below it, the device information is listed: TYPE: INCOM-LTE-WF [MODEL 3], FIRMWARE: v1.16.339, and Device ID: 4a3a6b12977143be. A row of icons represents various system functions like power, network, and security. To the right, a 'LATEST EVENTS' log shows the following entries: 10:01:14: Phone access technology: E-UTRAN (4G), 10:02:02: WIFI RESET, 10:02:03: WIFI STOP, 10:02:03: WIFI START, 10:02:03: WIFI CONNECTED: TechSupport, 10:02:05: WIFI IP: 192.168.1.137, and 10:02:05: Local IP: 192.168.1.137. A yellow warning banner below the log states: 'WARNING! Remote programming of the security system during USB connection is not allowed!'. The main area is divided into several settings panels:

MODULE STATUS		MONITORING STATION 1 SETTINGS		MONITORING STATION 2 SETTINGS	
Mobile network:	E-UTRAN (4G) TELUS EMnify	IP address:		IP address:	
Network signal (%):	58%	Port:	9998	Port:	9998
Wifi network:	TechSupport	Protocol:	TCP	Protocol:	UDP
Wifi signal:	100% [-40 dBm]	SIA prefix:		SIA prefix:	
Monitoring station 1:		Object identifier:	0000	Object identifier:	0000
Dial capture:	ONHOOK	Replace obtained identifier:	NO	Replace obtained identifier:	NO
Output 1:	INACTIVE	Link test period:	24 hours	Link test period:	3 mins
Output 2:	INACTIVE	Link test code:		Link test code:	
Supply voltage:	13.20V				

SERIAL PORT SETTINGS		MODEM AND GPRS SETTINGS		COMM. EVENT CODES	
Baud rate:	9600	PIN code:		Battery low:	314
Data bits:	8	GPRS APN:	em	Setup changed:	306
Parity:	None	User:		OUT controlled:	205
Stop bit:	1	Password:			

- Now you are ready to enter the central station details for your account and their Incomlink receiver. Enter the provided IP address for the first monitoring station with the correct port and protocol. Enter your account number (Object identifier) and set the link test period. (poll time) Note that a very low poll time will increase the data usage if you are using the cell network at all times. Connection priority can only be changed when in USB programming mode.

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TYPE: INCOM-LTE-WF [MODEL 3]
 FIRMWARE: v1.16.339
 Device ID: 4a3a6b12977143be

LATEST EVENTS

10:15:22: Local IP: 192.168.1.137
 10:16:31: WIFI RESET
 10:16:32: WIFI STOP
 10:16:32: WIFI START
 10:16:32: WIFI CONNECTED: TechSupport
 10:16:35: WIFI IP: 192.168.1.137
 10:16:35: Local IP: 192.168.1.137

WARNING! Remote programming of the security system during USB connection is not allowed!

MODULE STATUS		MONITORING STATION 1 SETTINGS		MONITORING STATION 2 SETTINGS	
Mobile network:	E-UTRAN (4G) TELUS EMnify	IP address:	1.2.3.4	IP address:	
Network signal (%):	58%	Port:	9999	Port:	9998
Wifi network:	TechSupport	Protocol:	TCP	Protocol:	UDP
Wifi signal:	100% [-41 dBm]	SIA prefix:		SIA prefix:	
Monitoring station 1:		Object identifier:	1234	Object identifier:	0000
Monitoring station 2:		Replace obtained identifier:	NO	Replace obtained identifier:	NO
Dial capture:	ONHOOK	Link test period:	24 hours	Link test period:	3 mins
Output 1:	INACTIVE	Link test code:		Link test code:	
Output 2:	INACTIVE				
Supply voltage:	13.20V				

SERIAL PORT SETTINGS		MODEM AND GPRS SETTINGS		COMM. EVENT CODES	
Baud rate:	9600	PIN code:		Battery low:	314
Data bits:	8	GPRS APN:	em	Setup changed:	306
Parity:	None	User:		OUT controlled:	205
Stop bit:	1	Password:			

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- You are now ready to add your device to the cloud server. (www.incomlink.com) By default the device has a blank password so you only need to enter the device ID which is printed at the back of the unit

