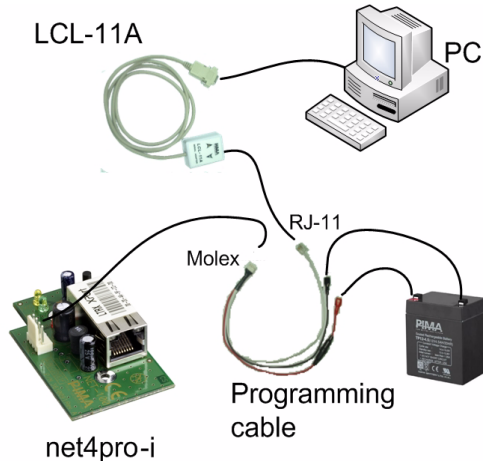# net4pro-i
Installation & Programming Guide

net4pro-i is a PIMA XPort® based Network Interface Card for connecting the Hunter-Pro series (832/896/8144) to CMS (Central Monitoring Station) via LAN/WAN. It carries a static IP number, which can only be programmed through PIMA's software, Comax, and it is programmed with a dedicted cable (p/n 3411079) that is not included in the package.
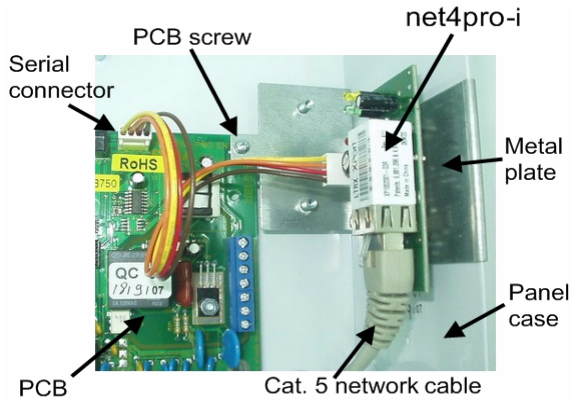

WHAT'S IN THE PACKAGE?

The package contains the net4pro-i, mounted on a metal plate, and a 4-wire serial cable for connecting the unit to the control panel.
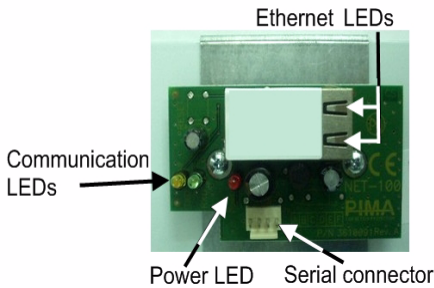
INSTALLATION

The net4pro-i is supplied ready to be attached inside the control panel case. Before installing it, make sure it is not connected to power!

1. Unscrew the upper-right control panel's PCB screw, attach the net4pro-i metal plate to the case and screw the plate to the PCB (see the images below)
2. Connect the 4-wire cable between the net4pro-i and the PCB SERIAL connector
3. Connect the net4pro-i to the LAN/WAN using a network cable

PCB screw · Serial connector · net4pro-i · Metal plate · Panel case · Cat. 5 network cable · PCB

Ethernet LEDs · Communication LEDs · Power LED · Serial connector

Note: Disconnecting the net4pro-i not according to the instructions, may cause disruptions in the transferred data

LEDs table:

net4pro-i		Ethernet (XPort®)			
LED	**Indication**	**Link LED (left)**		**Activity LED (right)**	
Red	Power	Orange	10Mbps	Orange	Half-duplex
Yellow	Transmission	Green	100Mbps	Green	Full-duplex
Green	Reception				

PROGRAMMING THE net4pro-i WITH COMAX

1. Connect the programming cable to the net4pro-i (using a Molex connector), to a PC with Comax installed in it, via LCL-11A (using RJ-11 connector) and to the battery (beware of polarity).
2. Run Comax, choose net4pro-i module and enter the parameters (see next).
3. Click the Local connection icon

4. Wait for the message "Please unplug and reconnect serial connector from net4pro-i" to appear
5. Disconnect the Molex connector momentarily and then reconnect it. Comax will indicate with "Connected" that the net4pro-i is connected.

6. Click the Download icon to download the parameters (it is recommended to repeat this step twice)

7. Click the Disconnect icon
8. Disconnect the net4pro-i programming cable

The net4pro-i parameters are:

1. **Unit IP**: The net4pro-i IP number
2. **Gateway IP**: The gateway (e.g. router) through which the net4pro-i connects to the WAN/LAN
3. **Net mask**: The target PC network mask
4. **Remote IP**: The target PC IP number
5. **Remote port**: The port through which the target PC receives data from the net4pro-i
6. **Encryption key**: Use the same key of the NETsoft/PIMAnet Pro

Note: In case the net4pro-i is connected to DHCP server, do not change the default IP 000.000.004.000

Contact us:

5 Hatzoref st., Holon 58856, Israel

Tel: +972.3.650.6414   Fax: +972.3.550.0442

Email: support@pima-alarms.com

Web: www.pima-alarms.com