

FORCE

Bringing Security to
A New Level



Illustration only



Powered by  PIMAlink 2.0

Top level Security

FORCE, PIMA's revolutionary professional hybrid alarm system, sets new standards in the security field.

To enable top-level security, *FORCE* features AES, 128 bit encryption for all IP communication. Security is further enhanced by assigning separate access codes to installers and CMS, enabling seamless system connection to the CMS at any point regardless of the installer code. Additional security features include advanced options, such as the ability to limit user authorizations to perform only specific operations, granting remote technician access based on approval of the system's user, and time-limited zone bypassing.

Easy to Install, configure, and Use

Equipped with a unique combination of tools and features, *FORCE* is designed to make installation incredibly easy for CMS and installers: Power Diagnostics provide a real-time display of panel and peripherals' current consumption, as well as voltage levels. Systems can be safely configured remotely via secure IP. Meanwhile, for remote controlling their system, end-users enjoy the extremely fast pairing to the PIMAlink 2.0 Cloud and smartphone app. State-of-the art equipment includes a large, 7-line LCD screen with on-board help screens for intuitive and rapid installation.

Ultimate Scalability

FORCE's flexibility makes it the ideal system for residential and commercial facilities of all sizes: With eight security zones on board, *FORCE* easily scales to 144 zones and can be expanded to 144 users. Furthermore, the system offers 16 true partitions permitting multi-store installation with one system. This makes it a cost-effective solution for small and medium-sized businesses.

PIMA

Unique Features for Ultimate Advantages

Application

Whether you're searching for a security solution for a small business, office building, retail outlet, logistic center, utility, bank, or remote site, PIMA's *FORCE* brings you a state-of-the-art, proficient, flexible, reliable, and professional hybrid alarm system ideal for any size or type of application.

Feature	<i>FORCE</i> System	Hunter-Pro System
Number of zones	8-144	8-144
Number of users	144	144
Number of contacts	32	4
Partitions	16	8
Partial Arming modes	4	2
LCD Keypad	Graphic screen with 7 lines	2 lines
Onboard network communication	√	---
Multipath CMS communication options including Ethernet, WiFi, PSTN, cellular and long-range radio	√	---
Cloud-based smartphone app for remote control	√	√
Remote configuration via IP, PSTN and GPRS	<i>FORCE</i> Manager An advanced program for remote configuration	Comax
Separate installer & CMS codes allow total separation between installer and CMS for maximum privacy	√	---
Help screen for every keypad menu	√	---
Power Diagnostics - Power consumption and panel's and peripherals' voltage levels are displayed in real-time. Serves to validate proper installation.	√	---
Remote firmware upgrade	√	---
Diagnostics	Remote and local	---
Newly designed mounting rack	√	---
Arming Prevention in case of system fault; can be overridden	√	---
Buzzer for locating expanders	√	---

A wide Selection of Peripherals

The *FORCE* system interfaces with a wide selection of keypads, expanders and communication modules enabling the customer to expand the system as needed. These peripherals were designed with PIMA's uncompromising quality, ease of installation, and operation experience.

Keypads



Graphic LCD Rubber Keypad (KLR500)
PIMA P/N 8415001



Graphic LCD Touch Keypad (KLT500)
PIMA P/N 8415010

Expanders



Local Zone Expander (ZEL508)

Local 8-zone wired expander

PIMA P/N 8500026



Wireless Expander for PIMA Peripherals (WRF143)

PIMA P/N 8500030

Wireless Expander for Visonic Peripherals (WRV143)

PIMA P/N 8500034



Outputs Expander (OEX508)

Remote 8-relay expander for controlling home appliances such as electric gates, lights, etc.

PIMA P/N 8500028



8-Zone Expander (ZEX508)

Remote 8-zone wired expander including 1 onboard relay

PIMA P/N 8500026

16-Zone Expander (ZEX516)

Remote 16-zone wired expander including 2 onboard relays

PIMA P/N 8500027

The above expanders include a buzzer for easily identifying their location.



16-Zone Expander + 4.2A Power Supply (ZEP716)

The expander includes indication for AC loss and low battery states.

PIMA P/N 82900013



8-Zone Expander + 1.2A Power Supply (ZEP608)

The expander includes indication for AC loss and low battery states.

PIMA P/N 82900011

Communication Modules



GSM Add-on (GSM501)

Supports GPRS, Voice and SMS channels. Simple installation

PIMA P/N 8300040



Long-Range Radio (TRU/TRV-100) for CMS Service Users

The transmitters can use 2 frequencies in the same range: UHF Low/High or VHF Low/Medium/High. The second frequency can be chosen per event type, for example, to transmit test events.

PIMA P/N

8200011 TRV-100DP L (136 to 156 MHz)
8200010 TRV-100DP H (154 to 174 MHz)
8300009 TRU-100DP M (435 to 470 MHz)
8300006 TRU-100DP H (470 to 500 MHz)

Ultimate Control with PIMALink 2.0 Smartphone App



Left home and forgot to turn on your alarm system? Well, whether you self-monitor your system or are connected via a Central Monitoring Station (CMS), the PIMALink 2.0 smartphone app puts you in control of your *FORCE* alarm system anytime, anywhere — this means maximum convenience.

What places the PIMALink 2.0 app at the forefront of technology is that no codes or passwords are saved on the PIMA cloud hence users do not have to fear hackers, security breaches, etc.

PIMALink 2.0's intuitive mobile interface ensures an easy interaction with the *FORCE* system, allowing you remotely to:

- View System Status
- Arm/disarm the whole system or designated partitions
- Review zones status
- Bypass zones
- Read event log
- Switch on/off a home appliance

Connecting to PIMALink 2.0 is incredibly simple!

Just take a minute to pair the alarm system to the app - no registration needed!

Step 1

On the panel User selects "Pairing to PIMALink 2.0"



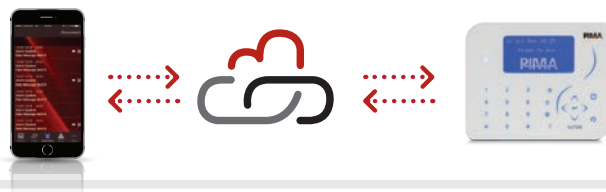
Step 2

User enters the Pairing Code displayed on the panel into the smartphone app



Step 3

The App connects PIMALink 2.0 and approves the pairing



About PIMA

PIMA Electronic Systems is a leading developer and manufacturer of intruder alarm systems. Its portfolio of high-quality wired, hybrid and wireless alarm systems ranges from small and economic systems to advanced multi-zone ones. PIMA's systems support a wide range of communication solutions and offer easy and fast programming features to suit all types of installations. PIMA's monitoring hardware and software solutions are deployed in professional sites in over 50 countries worldwide.

Founded in 1989, PIMA is a private company headquartered in Israel. All PIMA intruder alarm systems are designed to meet both residential and commercial applications, and are easily expandable to grow alongside customer's security needs. PIMA's products are sold and installed by top tier distributors around the globe.



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