VISION

Wireless Intruder Alarm System

The **VISION** is an all-in-one, wireless intruder alarm system for homes and small businesses. It supports all PIMA's wireless detectors and peripherals, and the PIMAlink 3.0 cloud and smartphone app.

The **VISION**'s is programmed using an LCD keypad[1]. Its Technician and User menus are the same as the **FORCE** alarm system.

PIMA Electronic Systems' portfolio includes a wide selection of hardwired and wireless detectors, sensors and sirens for both security and safety purposes. Our products are developed with uncompromising quality, ease of installation, and operation experience.

PIMA's wireless detectors integrate the FastLink technology, an advanced wireless detection technology using true, 128-bit AES encryption that ensures maximum wireless security.

PIMA's detectors are a perfect solution for the business as well as for the home markets.

Main features

- Supports all PIMA wireless peripherals
- Supports PIMAlink 3.0 cloud and smartphone app with video verification via Ethernet and wi-fi
- Programmed by the *Force Manager* software (desktop/mobile), or directly by an LCD keypad.
- Armed/Disarmed LEDs
- Can be operated by the KAS wireless keypad station
- AC/DC powered with a backup battery
- Communication: Ethernet, cellular, wi-fi, PSTN.
- Wall removal and case tampers

Technical Specifications

- Models:
  - VCA143 (AC power): 433.92MHz
  - VCD143 (DC power): 433.92MHz
  - VCA187 (AC power): 868.95MHz
- Zones: 64
- Partitions: 4
- Users: 64
- Communication
  - Wireless:
    - Output power: 10mW
    - Bandwidth: 100KHz
  - Cellular: 3G, LTE Cat-1/M
  - Ethernet: 10/100Mb

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[1] Not included

- o Wi-fi
  - 2.4GHz, 802.11b/g/ compatible
  - Supports IEEE 802.3, IEEE 802.3u
  - Client Mode
  - Security: WEP/WEP64/WEP128/WPA-PSK/WPA2-PSK/TKIP/AES
- Technician keypad's connector
- Frequency: 433.92/868.95 MHz
- Input power (model depended):
  - o AC: 100-240VAC, 4W (max.).
  - o DC: 12VDC, 100mA with battery fully charged, 300mA while charging.
  - o Power supply: 12VDC
- Backup battery:
  - o 2x 18650, Lithium-ion
  - o Backup time: 24H (min.)
  - o Charging time: 3H (max.)
- Battery backup time: 12-24 hrs
- Dimensions: 22 X 22 X 4.5 cm
- Weight: 680gr
- Operating temperature: -10 to +55 °C
- Humidity (max.): 93% R.H., non-condensing

Ordering Information

- VCD143: P/N 8360002
- VCA143: P/N 8360003
- VCA187: P/N 8360004