

Enhance convenience, safety and security



Vesta Smart Security Solution - MZ Series

A new generation of MZ control panel series is an integrated and comprehensive system that manages safety, security and home environments together under one unit. Unlike traditional alarm system, MZ series not only serves as an intrusion alarm system, but also assists you to manage your home in a more convenient way. With advanced alarm communication features and outstanding compatibilities- home automation, visual verification, smart energy saving function, and lighting control, new MZ series brings a complete and cost-effective smart home solution for you to experience a comfortable and convenient life.

MZ series includes MZ-1, MZ-3 and MZ-8 with various reporting paths for you to select from:
MZ-1 is a wireless IP control panel.
MZ-3 is a wireless GSM/GPRS control panel.
MZ-8 is a wireless control panel in dual path of IP/GSM.

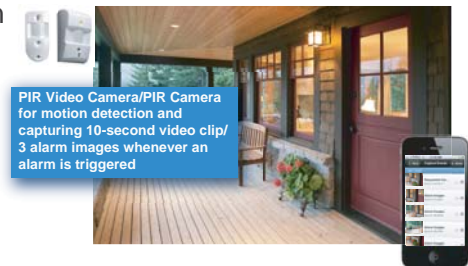
Flexible Home Security Solution

MZ series works with a variety of sensors up to 40 to protect your family and properties. Sensor connected MZ series can be flexibly set to different attributes and further inform you on a precise type of alarm. The 40-zone control panel series offers extreme convenience and flexibility of alarm reporting methods, such as CID/SIA reporting, SMS reporting or alarm image reporting. Depending on application needs, users can select an appropriate reporting method for timely alarm notification.

With 3 Home arming options, users can select an appropriate Home arming mode to adjust the system in response to different daily living behavior. Smart, sophisticated and safeguards, MZ series brings the most reliable and flexible alarm system to protect you and your loved ones.

Visual Verification

PIR Video Camera/PIR Camera can provide a visual verification solution for central monitoring station or users to verify whether the alarm is real alarm or false alarm. Whenever an alarm is triggered, a 10-second video clip/ 3 alarm images can be transmitted to users or central monitoring station. This immediate visual report allows you to respond right on the minute. It provides a better way to assessment of the situation and greatly saves money and time for unnecessary onsite check.



Smart Home Control: Choice of Home Portal™ Server or Vesta EZ Home App - Home Portal™ Server

Home Portal™ Server is a platform to deliver smart home services for users to remotely control their home via web-based browser or smart phone applications. Home Portal™ Server enables users to connect a home gateway to enjoy convenient services, including security control, alarm event notification, home control, energy management and visual verification remotely.

-Vesta EZ Home App

Rather than connecting Home Portal™ Server to enjoy remote smart home services, users have another choice of using Vesta EZ Home App to control their home via SMS protocol. It greatly saves the installer's effort and cost on server setup and maintenance, but still satisfies users' needs for smart home control.

Easy Remote Programming & Firmware Update

MZ series provides various easy remote programming methods of Web programming, App programming or SMS programming. It minimizes operational costs by allowing the central monitoring staff to change some settings any place, any time. Access rights for Web programming are defined up to 3 levels of user access, installer access and technician access. Besides, remote firmware updates ensure easy maintenance or feature enhancements if any new software updates is available.

Compatible with ZigBee Information Keypad KP-29ZB/ KPT-29ZB

MZ series can work with ZigBee information keypad KP-29ZB/ KPT-29ZB to simplify the operation of security system by one touch on the touchpad or swiping a proximity tag or NFC tag near the keypad. The LCD display shows information for you to understand the workings of your security system. You can install your control panel installed in a more secure place without exposing it to any intrusion attempts.



Zigbee Home Automation

Zigbee based Home Automation feature is designed for you to control your home condition at your convenience. Home appliances can be controlled depending on conditions you configure in MZ control panels. Home automation rules can be activated by your needs or preferences to create a more comfortable home environment and improve your home's energy efficiency. Besides, MZ series can work with dimmer switches to enhance the beauty of home environment.

Wall-Mount and Desktop Case Designs

Two elegant designs of wall-mount (W version) and desktop (DT version) styles are available for choices.



W version



DT Version

MZ Series



Model/Features	MZ-1	MZ-3	MZ-8
Report Network	IP	GSM/GPRS	IP+GSM/GPRS
Wireless Zone	40	40	40
SMS Programming	No	Yes	Yes
Web Programming	Yes	No	Yes
RF Device Support	Yes	Yes	Yes
ZigBee Device Support	Yes	Yes	Yes
PIR Video Camera/ PIR Camera Compatible	Yes	Yes	Yes
Power Switch/ Power Metering Switch Compatible	Yes	Yes	Yes
Dimmer Switch Compatible	Yes	Yes	Yes
Home Automation	Yes	Yes	Yes
Home Portal Server	Yes	Yes	Yes
EZ Home App	No	Yes	Yes
Event Logs	250	250	250
Backup Battery Time	14 hr	14 hr	14 hr

MZ Series MZ-1/ MZ-3/ MZ-8**Features:**

- Supports up to 40 zones, including RF and ZigBee devices
- Alarm event reporting:

Alarm Reporting Type	MZ-1	MZ-3	MZ-8
DTMF CID Reporting	-	GSM	GSM
Modified CID/ SIA Reporting over TCP/IP	Ethernet	GPRS	Ethernet or GPRS
SMS Alarm Reporting	-	GSM	GSM
Alarm Video/Image Reporting	Email/ FTP over Ethernet	MMS/ Email/ FTP over GSM/GPRS	MMS/ Email/ FTP over Ethernet or GSM/ GPRS

- 3 Home arming options offer flexible security modes to meet various application needs
- Remote Web, App and SMS programming and firmware update features for easy programming and maintenance
- Access rights for Web programming are defined up to 3 levels of user, installer and technician access
- Compatible with PIR video cameras/ PIR cameras for visual verification
- Capable of adding 6 PIR video cameras/PIR cameras
- Advanced Image wireless link:
 - 2-Way supervised radio network, Supervision every 30 minutes
 - AES encryption key
 - 2.4GHz DSSS (Direct-Sequence Spread Spectrum)
- Home Automation designed to control home appliances automatically by users' preferences and needs
- Supports power metering switch and power dimmer switch
- Compatible with Home Portal™ Server via XMPP protocol or Vesta EZ Home App via SMS protocol
- Built-in siren
- Comply with EN50131

Specifications:

- GSM quad band 900/1800/850/1900 MHz (MZ-3/ MZ-8 only)
3G frequency bands: 2100/1900/1800/1700/850/800/2600/900 MHz (MZ-3/ MZ-8 only)
(3G bands vary depending on regions/countries)
- ZigBee communication protocol: ZigBee Pro HA profile
- Power Supply: 12V 1A switching power
- Back up battery: 1100 mAh Ni-mh rechargeable battery x 6
- Battery Back-up time: 14 hr
- Alarm Output: 95db @ 1M
- Frequencies available: 433MHz / 868.35MHz FM / 868.6375MHz Narrow Band FM
- Range:433MHZ: over 200 meters in open space
868.35MHz FM or 868.6375 MHz Narrow Band FM: over 300 meters in open space
- Temperature Range: -10° to +45°C
- Humidity: up to 90% non-condensing
- Dimensions: 260 X 176 X 30 mm (W version)
135 X 169 X 27 mm (DT version)

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