



Vesta Smart Security Solution
VST-2735 / VST-2745 / VST-2752

As a new generation of LCD control panel series and an integrated and comprehensive system that manages safety, security and home environments together under one unit. Unlike traditional alarm system, VST-2735/2745/2752 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, the new control panel series brings a complete and cost-effective smart home solution for you to experience a comfortable and convenient life.

VST-2735/2745/2752 series provides with various reporting paths for you to select from:

VST-2735 is a wireless IP control panel.

VST-2745 is a wireless GSM/GPRS control panel.

VST-2752 is a wireless control panel in dual path of IP/GSM.

Flexible Home Security Solution

The control panels work with a variety of sensors up to 40 to protect your family and properties. Sensor connected panels 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, alarm image reporting or even voice 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 behaviors. Smart, sophisticated and safeguards, VST-2735/2745/2752 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 a real alarm or false alarm. Whenever an alarm is triggered, a 10-second video clip/3 alarm images can be transmitted to users or the 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 a web-based browser or smart phone applications. Home Portal™ Server enables users to connect a home gateway via Vesta Home App 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

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

Smart Energy Management

The control panels can work with Power Metering Switch, Power Switch and Dimmer Switch to help you control or monitor the power consumption of the house lighting system and other home appliances. This extended energy management network will help you reduce the electricity bill intelligently.



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 the 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.

Create a More Pleasant Atmosphere

VST-2735/2745/2752 can work with Climax dimmer switches to enhance the beauty of home environment. In conjunction with dimmer devices, ML series enable users to control their home lighting at certain levels or conditions to make home a more pleasant place to live.



VST-2735
VST-2745
VST-2752



Model/Features	VST-2735	VST-2745	VST-2752
Report Network	IP	GSM/GPRS	IP+GSM/GPRS
Wireless Zone	40	40	40
SMS Programming	No	Yes	Yes
Web Programming	Yes	No	Yes
Listen-In Feature	No	Yes	Yes
Voice Reporting/Recording	No	Yes	Yes
3 home arming modes	Yes	Yes	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	50	50	50
Backup Battery Time	14 hr	14 hr	14 hr

VST-2735 / VST-2745/ VST-2752

Features:

- Supports up to 40 zones, including RF and ZigBee devices

- Alarm event reporting:

Alarm Reporting Type	VST-2735	VST-2745	VST-2752
DTMF CID Reporting	-	GSM	GSM
Modified CID/ SIA Reporting over TCP/IP	Ethernet	GPRS	Ethernet or GPRS
Voice Reporting	-	Voice reporting over GSM	Voice Reporting over GSM
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

- Recordable voice reporting messages of 30 seconds
- 3 Home arming options offer flexible security modes to meet various application needs
- “Listen-In” feature allows the call recipient to listen in to what is happening on your side (VST-2745/ VST-2752 only)
- Remote Web, App and SMS programming and firmware update features for easy programming and maintenance
- Access rights for Keypad or Web programming are defined up to 3 levels of user, installer and technician access
- Compatible with 6 PIR video cameras/ PIR cameras for visual verification
- 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
- Compatible with Vesta Home App (Home Portal™ Server via XMPP protocol) or Vesta EZ Home App for remote control via SMS protocol
- Comply with EN50131

Specifications:

- GSM quad band 900/1800/850/1900 MHz (VST-2745/ VST-2752 only)
3G frequency bands: 2100/1900/1800/1700/850/800/2600/900 MHz (VST-2745/ VST-2752 only)
- ZigBee communication protocol: ZigBee Pro HA profile
- Power Supply: 12V 1A switching power
- Back up battery: 1100 mAh Ni-mh rechargeable battery x 4
- 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: 209 x 136 x 22.5mm