

8 Zone Defender Smart Alarm System



Central Features

- >> 8 Fully programmable zones with End-of-line supervision
- >> 2 Programmable partitions
- >> 2 Programmable phone number for CMS reporting
- >> 2 intelligent zones to minimize false alarm
- >> Fully programmable as: Entry/Exit, internal, instant, 24 hour, fire and silent zone
- >> 9 Programmable user codes including Master Password
- >> 2 Arm Modes: Away & Home
- >> Zone sensitivity with 255 selectable levels
- >> Programmable Entry delay and exit delay from 0~255 seconds

Wireless Application

- >> Wireless operation with RF Module
- >> RF Receiver 2 channel come with 3 transmitters
- >> Wireless Operation: ARM & DISARM

Home Automation Control

- >> 3 dedicated build-in security Automation Outputs
- >> 18 Options of Intelligent Automation Activation/Deactivation
- >> Remote Operation via phone control

Programming

- >> Local programming from LED keypads
- >> Non-volatile EEPROM memory retains programmed data even during total power loss

Remote Operations

- >> User friendly speech menu
- >> User follows speech instruction for operation
- >> Secure remote communications using security codes
- >> Remote Operation via Touch/Mobile Phone includes:
 - Zone Status Check
 - Arm & Disarm
 - Zone bypass
 - Home automation control
 - Timer arming/Disarming
 - Auto Arming/ Disarming
- >> Free from hassle of manual arm/disarm

Event Log

- >> 1000-event history log store in SD Card
- >> Two copies of history log file:
 - User readable log file, For owner to check alarm usage
 - Temper proof, encrypted log file, For auditing of alarm system.
- >> Real time clock

Digital Communicator

- >> 2 Programmable phone number for CMS reporting
- >> Pulse or DTMF dialing
- >> Contact ID format reporting

Speech Dialer

- >> 4 Programmable phone number for voice messages reporting during Alarm / emergency

Keypads

- >> Support up 4 keypads per system
- >> LED keypad displays status of each individual zone with indication of trouble, Alarm and Bypass
- >> Keypad lockout to prevent intruder
- >> Programmable keypad lockout time and attempt

Access Codes

- >> 3 level Authorizations: Installer, Master & User
- >> 1 installer code, 1 master code and 8 programmable user codes of 4 digits

Power Specifications

- >> AC power loss detection
- >> Battery: 12 VDC/7AH
- >> DC Battery charging
- >> Low battery voltage detection

Lightning Surge Protection

- >> 2 Level Protection: Onboard and PSTN Line-in
- >> Onboard and PSTN line (MOV): Withstanding current @ 250A

20 Zone Defender Smart Alarm System



CENTRAL FEATURES

- Web-based, Internet connected alarm system
- Control using iPhone, Android and Smart phone
- Wireless sensor node for easy installation
- 19 Fully programmable zones + 1 auto gate zone
- Single touch for 2 arm modes: Away & Home
- 2 Programmable partitions
- 2 Programmable phone number for CMS reporting
- 2 intelligent zones to minimize false alarm
- Fully programmable as: Entry, Exit, Internal, Instant, 24 hour, Fire, Silent, and Normally open zone
- 9 programmable user codes including Master Password
- Remote or key switch arm or disarm function
- Zone sensitivity with 255 selectable levels
- Programmable Entry and Exit Delay from 0~255 seconds
- Real time clock

WIRELESS APPLICATION

- Wireless operation with RF module
- RF receiver 2 channel come with 3 transmitters
- Wireless operation: Arm & Disarm
- Connect wirelessly using wireless sensor node
- Node has long battery life (min 2 yrs) and low-batt indicator
- Wireless repeater to extend range
- Guaranteed wireless connection with TCP/IP-like 2-way routing protocol

HOME AUTOMATION CONTROL

- 5 dedicated build-in security automation outputs
- 20 options of intelligent automation activation / deactivation
- Remote operation via phone control and Internet

PROGRAMMING

- Local programming from LED keypads
- Non-volatile EEPROM memory retains programmed data even during total power loss

REMOTE OPERATIONS

- User-friendly speech menu
- User follows speech instruction to operate
- Secure remote communications using security codes
- Remote operation via mobile phone includes:
 - Zone status check
 - Arm & Disarm
 - Zone bypass
 - Home automation control

INTERNET OPERATION

- User-friendly web interface
- Secure operation with security code
- Lockout to prevent unauthorized login
- 80 event log for all system operation
- Remote operation via iPhone, Android and Smartphone includes:
 - System status check
 - Arm & Disarm
 - Zone bypass
 - IP camera remote view
 - Home automation control
 - Timer Arm / Disarm
 - Auto timer execute security automation outputs
 - View event log
 - Programmable user codes (master authentication)

DIGITAL COMMUNICATOR

- 2 programmable phone numbers for CMS reporting
- Pulse or DTMF dialing
- Contact ID format reporting

SPEECH DIALER

- 4 programmable phone numbers for voice messages reporting during alarm / emergency

KEYPADS

- Durable and elegant touch screen keypad
- Support up to 4 keypads per system
- LED keypad displays status of each individual zone with indication of Trouble, Alarm and Bypass
- Keypad lockout to prevent intruder
- Programmable keypad lockout time and attempt

ACCESS CODES

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