



# EZ-24

**24 ZONE ALARM PANEL**  
**EXPANDABLE**  
**UP TO 200 ZONES**



**ATTRACTIVE LCD KEYPAD**

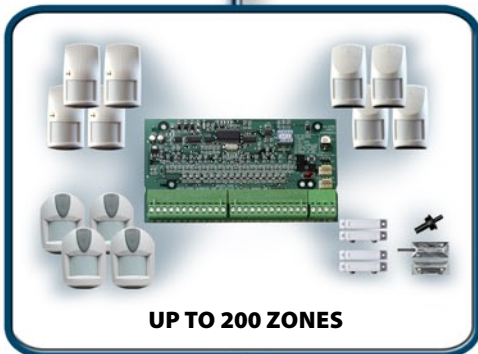
## NESS EZ-24 CONTROL PANEL

*Everything you need in an alarm panel  
 ... and more!*

HIGH SPEED ENCRYPTED DATA BUS

### 24 ZONES

EZ-24 starts as a 24 zone control panel with up to 8 Area Partitions, 199 User Codes (4 or 6 digit), Multiple arming levels, time & date stamped history log of 512 events, real time clock on board and many more high powered alarm panel functions.



**UP TO 200 ZONES**

### EXPANDABLE INPUTS

EZ-24 can be expanded up to 200 zones with 16 zone expanders on the high speed encrypted data bus.

### EXPANDABLE OUTPUTS

EZ-24 can have up to 208 outputs in groups of 16 outputs on the high speed encrypted data bus. Output boards are available with voltage-only outputs or a mix of voltage and relay outputs. This gives you the flexibility of driving almost any type of device anywhere along the EZ-24 data bus. Outputs for - sirens, strobes lights, buzzers, door strikes, gates, house lighting and whatever you and your electrician can dream up.

### MENU DRIVEN KEYPAD

EZ-24 is supplied with the attractive Ness EZ-24 LCD Keypad with 2 line LCD display and menu driven programming. In fact the EZ-24 keypad menus are so easy to use you almost don't need the manuals.

HUGE CHOICE OF ACCESSORIES

Up to 16 keypads can be added to the EZ-24 on the data bus. Add more EZ-24 keypads or choose from any of the variety of keypads and touch screens in the Ness EZ-24 range.



**UP TO 208 OUTPUTS**

**EZ-24 MULTI-ZONE SECURITY**  
**COMBINING HIGH TECHNOLOGY + EASE OF USE**



*Security Products*

# EZ-24 FEATURES

- Large zone capacity: 8 on-board zones expandable to 200
- Wireless capability
- Two-way Listen-in capability via Central Station
- Flash Memory - Allows field updates to firmware electronically
- Time/Date stamped 512 event history log
- Menu driven, full text keypad programming - no manual required!
- 12 On-board Outputs: 1 siren driver/voltage, 1 form "C" relay and 10 low current (10mA) outputs
- Supports smoke detectors with fire alarm verification routine
- Can be partitioned into 8 separate areas
- User Codes: 199 (4 or 6 digit) with assignable authority levels
- Arm levels: Away, Stay, Stay Instant, Night, Night Instant, Vacation
- Hardware "watchdog" and nonvolatile EEPROM memory
- Telephone Line Fault with alarm output

## COMMUNICATIONS

- True V.22 bis Modem for fast, reliable upload/download
- Optional Ethernet port for reporting operation / control or programming
- Digital Communicator formats: SIA, Contact ID, 4+2 and Pager
- NessRP PC software includes "conflict resolution" to easily highlight differences between control and PC
- Dial-up, Ethernet or local from RS-232 port with the optional EZ-24 MSI Main Serial Interface
- Automatic answering machine bypass

## AUTOMATION & INTEGRATION

- Create lifestyle enhancing comfort, convenience and security
  - Powerful "Whenever/And/Then" RULES Programming allows almost any imaginable operation.
    - No need to chain rules together.
    - Any single "Whenever" event can have one or more ANDs and THENs (conditions and commands).
  - Rules utilize easy to understand text based references
  - Control lighting using 2-way Power Line Carrier (PLC) or RS-232 Serial Port\* - On, Off, Pre-set Dim, All On, All Off commands
  - Sunset/Sunrise calculation and activation
  - Transmit and receive custom serial ASCII messages\*
  - Read temperature sensors and communicate with thermostats\*
  - Turn on Tasks, Lights, Outputs via Keypad or PC Web Browser
  - Interface with a broad range of other systems\*
- \* Requires optional EZ-24 MSI or EZ-24 XSP serial ports

## POWER SUPPLY

- Heavy Duty 2.5 Amp power supply w/ 1.5 Amp continuous
- Dynamic battery test, Zone Voltage Display and Voltmeter
- PTC (fuseless) resettable overload protection

## KEYPAD FEATURES

- Backlit, Large Character LCD Display, 16 x 2 lines
- Optional Plug-in Prox Access reader (26 bit Weigand format)
- Menu navigation keys and programmable function keys
- Plug-in connector - only 4 wires to the control
- 1 Zone Input and 1 Output Programmable per Keypad
- Programmable display
- Displays system diagnostics and settings
- System supports up to 16 keypads

# EZ-24 ACCESSORIES



## COLOUR TOUCH SCREEN

Control security and automation functions such as arm/disarm, view event Logs, control lighting, view & adjust thermostats, activate tasks, turn devices on & off, make custom setting changes, access your favourite website, picture albums, music and other media all from the Ness superbright Colour 7" Touch Screen.

Up to 32 can be connected to an EZ-24 system.



## LAPTOP / PDA

Get total control of your entire system with easy to use installer's and user's management software.

Direct connect via serial port for fast installer access or connect via EZ-24 Ethernet Interface and LAN for powerful user functions.

The versatile mobile PDA option provides unprecedented power and convenience in the palm of your hand.



## KEYPADS

Four different Ness EZ-24 keypads are available to provide choice for both the installer and the user.

The keypads have highly functional backlit keys with adjustable intensity and time/date display - while the EZ-24 Arming Station is a compact yet fully functional keypad for use in areas where full display is not required.

Up to 16 keypads can be installed on any EZ-24 system. The Ness KP2 S/F keypad even has a recessing kit option for that extra flush look.



## INTERNET INTERFACE

The Ness Ethernet Interface allows you to view a secure "virtual keypad" of your EZ-24 system via an internet connection.

Log-in using an internet enabled computer and view, change, turn outputs on/off, arm/disarm from anywhere in the world. Also supports full programming of the system via Ethernet as well as email on events.



## IR REMOTE CONTROL

IR integration to control any device that supports IR remote control, (air con, CD, DVD, TV etc).

## ACCESS CONTROL

The EZ-24 access control option allows arming/disarming and door access via optional prox readers added to EZ-24 keypads or Ness proximity readers interfaced with the system. Provides integrated access control for up to 16 doors.

## RADIO KEYS

Optional radio interfaces provide the convenience of wireless remote control arming and disarming and panic functions as well as wireless motion detectors and other detection devices.

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