DESCRIPTION

The TEC2 Series is a "Telephone Entry Control" System offered with a selection of phone number capacities that include 50, 125, 250, 500, 1,000 and 2,000 (2,000 for TEC10 only). The TEC2 Series display is very clear, even in bright sunlight. An optional Backlit Blue Keypad is available for easy night time viewing and easy to use call or directory scrolling. All systems come with 2 relays standard and board level surge suppression at no additional cost. All TEC2 Series models have a wide variety of options so you can tailor the system to your specific needs, from card access and modem programing to linking units together on a single phone line using an **MUI**. Designed to the same high standards as the TEC1 and CAT product lines, the TEC2 Series stainless steel front door and aluminum back box are sure to provide years of durable service. The TEC2 Series is compatible with **TEC Basic** or **Selcom Secured Software** and can easily be programmed and monitored via optional modem or by TCP/IP interface with **NIC2** card option. The TEC2 Series comes with a two year limited warranty.

TEC 10

TEC 4

TEC 2

FEATURES

- The **TEC 2** provides a single name, backlit LCD display and characters are 5/16" (8 mm) in size

- The **TEC 4** provides four names at a time with a backlit LCD display and characters are 3/8" (10 mm) in size

- The **TEC 10** provides a ten line, backlit LCD display that will display 10 names at a time for ease of directory scrolling. The **TEC 10** characters are 1/2" (12.7 mm) high. The first two lines of the main LCD screen are user programmable

- The **TEC 2**, **TEC 4** and **TEC 10** can control two entrances with two separate relays

- 2,000 Max phone number capacity

- 2,000 Max "PIN" number capacity

- Multi-level power surge suppression

- Non-volatile memory

- Robust, stainless steel front housing offers years of long-life durability and easy maintenance

- All pc boards are treated with a moisture barrier

- Remotely activated speaker and microphone via touch tone after passcode

- Dials Touch Tone™ or pulse

- Talk time programmable, 1 to 99 minutes

- Remote relay activation and latching

- Programmable door open and alarm time

- REX (request to exit), alarm shunt and door sense input

- Programmable "strike out" for PIN attempts

- Programmable via keypad

- Mutes tones while dialing

- Postal lock capability

- Programmable open keypad for voice mail

- Programmable code and PIN lengths, 1 to 6

- Programmable background beep

- 10 Extra personal ID Numbers (PIN)

- Programmable thru Non-volatile memory

- Two levels of security for programming

- Charging circuit for backup battery

- Transient voltage protection from all three possible sources; strike, power supply and phone line

SPECIFICATIONS

♦ **Dimensions:** 9 1/2'" W x 13 1/2" H x 3 1/8" D
Semi-flush mounted: 14 5/8" W x 18 5/8" H

♦ **Material Used**:
Housing: 12 ga. structural aluminum
Door: 16 ga. stainless steel

♦ **Finish**:
Aluminum back box: Painted weather resistant finish.

♦ **Power Input**: 16.5 VAC, 40 VA UL listed transformer (provided with unit).

♦ **Modem:** 56 kBaud (option)

♦ **Emergency Battery**: 12V .7 AHR GEL CELL on constant charge (for control of line voltage variation and short term telephone support only, optional).

♦ **Telephone Line**: Standard voice grade RJ11C Jack.

♦ **Mounting**: Surface, flush or pedestal mount.

♦ **Memory Type**: Non-volatile.

♦ **Tone Detection**: Crystal controlled, capable of detecting short burst 50MS DTMF tone.

♦ **Shipping Weight**:: Approximately 15 lbs for standard configurations

GENERAL SPECIFICATIONS

♦ **Operating Environment**:
Temp.:   -20º to +60º C,
Relative humidity: 5% to 95% non-condensing.

♦ **Relay Output**: Form A/B dry contact 24V @ 3AMP.

♦ **FCC Reg.**: #CPW74F63331MTE.

♦ **ARL LISTED** (UL Equivalent)

APPLICATIONS

♦ Residential gated communities

♦ Commercial office buildings.

♦ Apartment buildings / Condominiums / Townhouses.

♦ Retirement homes / Convalescent homes.

OPTIONS

♦ MUI (Multi Unit Interface) Allows up to 8 CAT's to share a single telephone line (**OPTKMUI**).

♦ **NIC2**, network interface card provides a TCP/IP interface for network programming, includes 9-pin serial adapter.

♦ RS232 or current loop serial communications: Serial I/O (**OPTKSERIAL90**).

♦ **OPTKC2000** card capacity reader capability, includes two Wiegand reader inputs.

♦ CCD Color Camera, in Hole color camera mounted inside of any TEC2 Series unit (**OPTMINICOLORCAM**).

♦ **OPTK4DR** is a plug-on module for expanding the TEC2 series from 2 readers to 4 reader inputs maximum.

♦ Card Readers and RF Receivers / Transmitters with or without HID Proximity

♦ **SWBIP** is a 5 GHz Wireless Ethernet Communication Bridge kit that adds wireless Voice, Video and Data to a TEC2 Series Entry System.

♦ 56K baud modem (**OPTKMODEM56K**).

♦ Clock/calendar or extra memory (**OPTKCLK**).

♦ The **TEC 10** is also available with the optional SES HY-Lock® ultra-vandal resistant lock

♦ Back-lit blue character keypad. (**OPTBLKEYPAD**)

CAPACITIES

♦ Up to 2,000 phone numbers.

♦ Up to 2,000 PIN codes.

♦ Up to 2,000 cards (option).

♦ Up to 4 entrances, (2 entrances standard)

♦ 4 TEC2/4/10's may share one phone line by using MUI's (one each) and all can be programmed remotely.

♦ Programming for Windows 98, ME, 2000 or XP using either TEC Basic or Selcom Secure™ (option). Compatibility for NT (single user) is provided with Selcom Secure™.

♦ Code / Phone / Card capacities can be upgraded by the factory, through authorized dealers only.