

## KTES

## Kantech Telephone Entry System

#### Features That Make a Difference:

- Stand-alone or integrates with an access control system
- Convenient remote programming and management with EntraPass software
- Electronic directory with a capacity of up to 3,000 tenants
- 4-line, 20-character backlit LCD
- Vandal and weather-resistant stainless steel housing
- Onboard 128-bit encrypted, secure IP communication with EntraPass
- One telephone line supports up to five units



### Resident and Visitor Management System

Apartment, condominium and office buildings are just a few of the applications where a combination of security and communications are required for controlling resident and visitor traffic. The Kantech Telephone Entry System (KTES) delivers a fully integrated telephone entry and access control solution. The KTES provides visitor / resident registration, tracking and reporting. It uses a touch tone phone style keypad that offers both familiarity and ease of use. Two-way audio is built-in and video verification can be integrated to enhance the solution.

## **Built-In Versatility**

An attractive vandal- and weather-resistant metal enclosure houses a keypad with both audible and visual confirmation of user actions. The large, 4-line, 20-character backlit LCD provides easy-to-understand multi-lingual user prompts that allow visitors to scroll through an electronic directory which includes tenants' names, apartment/suite numbers, or calling codes. Three contextual function buttons make it easy to quickly navigate through the interface. Two-way audio is built-in and video verification (via a covert camera) can be integrated to enhance the security solution.

# Stand-Alone or Integrated Access Control

Designed as a stand-alone or integrated unit, the KTES controls one door, three auxiliary relays, and supports postal lock and request-to-exit access. For larger commercial installations, the KTES integrates with EntraPass Security Management Software and Kantech door controllers to provide a complete access control system. The KTES features onboard 128-bit encrypted, secure IP communication with EntraPass. A simplified version of the EntraPass software is included with the KTES which allows for fast configuration and firmware upgrades, live transaction monitoring, modification and addition of tenant list, and system backup. The system also provides Wiegand inputs and outputs so that it can be connected to external door controllers. All programming of the system can be done directly on the keypad or remotely from a PC via a modem, Ethernet connection, or RS-485 interface.

#### **Event Reporting**

For added convenience, the KTES maintains a local event log which can be viewed directly on the LCD. If a more detailed event log is needed, the system also reports all events directly to the EntraPass system.



#### **Physical**

#### Surface Mount Dimensions

Mounting..... Surface, flush, or goose-neck mount

Construction

Rugged stainless steel enclosure, black epoxy paint weather-resistant finish, waterproof fiber material speaker, and high quality omni directional microphone in an acoustics chamber

#### Operational

Capacity

Standard 250 tenant capacity and option to increase capacity to 3,000 tenants. 4,000 event log entries per unit in stand-alone mode; 1-5 digit directory code; 4-6 digit tenant ID code (PIN); and 2 telephone numbers (maximum 24 digits per phone number) per tenant.

Display . . . . . . . . . Vandal-resistant 4-line (20 characters per line)

easy-to-read backlit LCD

Programming. . . . . Directly from keypad, or remotely with EntraPass software via modem, Ethernet, or RS-485

Welcome Message . . . . . Customizable language; variable display time of 0-255 seconds

Call Length . . . . . . . . Programmable from 10 seconds to one hour

Telephone Line . . . . . . . Standard touch-tone or rotary (up to 5 units on the

same line) Access Control Interface . . Wiegand

Monitored Inputs . . . . . . Four; individually configurable as single end-of line

(EOL), double EOL, and without EOL Inputs Maximum Wiring...#22 AWG, 600 m (2,000 ft)

Card Reader Outputs . . . . Two (LED and BUZZ), 25 mA max. each; open

collector outputs

Communication Ports . . . . Ethernet 10/100Base-T with RJ-45, RS-485, and international interface for telephone line

Communication Speed

Ethernet ..... 10/100Base-T

RS-485..... Up to 115,200 baud (automatic detection)

Dialup Modem . . . . . . . Up to 2,400 baud

#### Electrical

Card Reader Power. . . . . 5 VDC or 12 VDC, 175 mA internal or external

Output power supply with jumpers (JP9)

4 hours of operation

#### Environmental

Normal Operating Conditions

Temperature ...... 0° to 49°C (32° to 120° F) Humidity ........ 0 to 95% noncondensing

Humidity . . . . . . 0 to 95% noncondensing

#### Regulatory

EN50133-1, EN55022, EN60950, EN61000-6-1, EN61000-6-2, ETSI ES 203 021, CISPR22, PTC200, AS/ACIF 5002, FCC Part 15 Class B, FCC Part 68 (TIA968), IC CS-03 (DOC), UL-294, CE, RoHS, WEEE, IEC 60529 IPX4

rating

### **Model Numbers**

KTES-US..... and KTES-CDN

. KTES with standard 250 tenant capacity, KTES EntraPass Software, 16.5 VAC / 40 VA plug-in transformer (UL or CSA approved), postal lock bracket with switch; and accessory kit

#### No Phone Bill System

Using the "No Phone Bill System", the KTES connects directly into each tenant's telephone line and uses those lines to provide communication between the visitor and the tenant, resulting in no phone bill charges. Each "No Phone Bill System" requires: KTES-US or KTES-CDN, KTES-5000RB, KTES5000IC and a 16.5 VAC / 40 VA plug-in transformer.

KTES-5000IC . . . . . . CA71A/RJ71C interconnecting cable

#### KTES Accessories and Options

KTES-FBOX . . . . Enclosure including black trim ring used for flush mounting KTES

KTES-HEAT..... Cold weather heater kit for installations where

temperature is below 0°C (32°F) KTES-CAM-N . . . . . . . Covert color (NTSC standard) camera kit

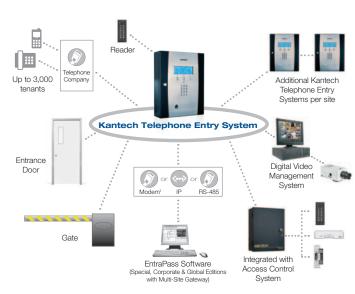
KTES-INDEX-F . . . . LED illuminated directory index paper

KTES-INDEX-R . . . . . . Trim ring for directory index paper. Used in flush

mount installation of KTES

KTES-MPLATE . . . . . Mounting plate for goose-neck installation E-KTES-3000 . . . . . Option to increase capacity to 3,000 tenants DU-MODEM-HOS . . . . . Required at host computer for dial-up

#### System Diagram



(1) Requires DU-MODEM-HOS at host computer for dial-up

## Related Products



EntraPass Security

Management Software



KT-400 Four-Door Controller



T-Rex Request-To-Exit Detector



ioProx Card Reader

## Approvals







www.kantech.com

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