



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
- Reader support for access control features
- Dynamic visitor language selection
- Large, vandal-resistant 4-line, 20-character LCD with high contrast and backlighting
- Easily programmable directly from the keypad
- Alternate telephone # available to reach tenant
- Contextual function buttons for easy system operation
- Vandal- and weather-resistant stainless steel housing
- Versatile alarm and trouble reporting capabilities
- Onboard 128-bit encrypted, secure IP communication with EntraPass
- Optional covert color video camera for added security
- Supervised battery backup ensures continuous operation for a minimum of four hours
- One telephone line supports up to five units

The Kantech Telephone Entry System (KTES) is an ideal entry system for small, medium, and large sites with an existing access control system, or installations that require telephone entry access only. The system provides visitor access control to sites such as apartment buildings, gated communities, condominiums, office buildings, and industrial sites. A tenant communicates directly with a visitor using the KTES and can grant or deny admittance directly from a telephone land line or cellular phone with the touch of a button.

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.

For additional security, an optional covert color video camera lets tenants see who is at an entrance from their own television, on a specified cable station.¹

Designed as a stand-alone or integrated unit, the system controls one door, three auxiliary relays, and supports postal lock and REX access. For larger commercial installations, the KTES integrates with EntraPass and Kantech controllers to provide a complete access control system. 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.

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.

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.

(1) Check availability with your local cable provider

Physical

Surface Mount Dimensions (H x W x D)	29.21 x 37.46 x 9.91 cm (11.5 x 14.75 x 3.90 in)
Weight	7 kg (15.4 lb)
Mounting	Surface, flush, or goose-neck mount
Construction	14 gauge stainless steel mounted on 16 gauge box, black Epoxy paint weather-resistant finish, waterproof fiber material speaker, and high quality omni directional microphone in an acoustics chamber

Operational

Capacity	Up to 3,000 tenants; 4,000 events transaction memory in stand-alone; 1- to 5-digit tenant ID, 4- to 6-digit tenant PIN; two telephone numbers per tenant with up to 24 digits
Display	Large, vandal-resistant 4-line x 20-character LCD with high contrast and backlighting
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)
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

Power Input	North America 16 VAC, 40 VA International 19 VDC, 100 VAC ~ 240 VAC IN, 50-60 Hz 3.15 Amps
DC Auxiliary Output	12 VDC, 450 mA
Lock Output	12 VDC, 650 mA
Controlled Output Relay	Three onboard Form C controlled output relays, 30 VDC or 24 VAC max.; 3 Amps max. per relay
Reader Power Output	5 VDC or 12 VDC, 175 mA internal or external power supply with jumpers (JP9)
Battery Backup	12 VDC/ 7 Ah battery supervised; for a minimum of 4 hours of operation

Environmental

Operating Conditions	Temperature 0° to 49°C (32° to 120° F) Humidity 0 to 95% noncondensing
With Optional Heater Kit	Temperature -35° to 49°C (-31° to 120° F) 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

Ordering Information²

Kantech Telephone Entry System (KTES)

KTES-125CDN	KTES with 125 tenants (3,000 tenants max.), plug-in transformer 16V 40VA (TR1640P/CSA), KTES EntraPass software, accessory kit (KTES-ACC-KIT)
KTES-125US	KTES with 125 tenants (3,000 tenants max.), plug-in transformer 16V 40VA (TR1640P/UL), KTES EntraPass software, accessory kit (KTES-ACC-KIT)
KTES-125EU	KTES with 125 tenants (3,000 tenants max.), switching power supply, Europe and UK AC cord, KTES EntraPass software, accessory kit
KTES-125AUS	KTES with 125 tenants (3,000 tenants max.), switching power supply, Australia AC cord, KTES EntraPass software, accessory kit

No Phone Bill System

All No Phone Bill Systems require: KTES-5000RB, KTES5000IC, and a 16VAC 40VA transformer

KTES-5048MC	No Phone Bill system main controller, for up to 48 lines maximum
KTES-5000MC	No Phone Bill system, main controller, for up to 1152 lines maximum; requires an auxiliary relay cabinet (KTES-5000AC)
KTES-5000AC	No Phone Bill auxiliary relay cabinet for up to 96 lines per cabinet; compatible with the main controller (KTES-5000MC)
KTES-5000RB	No Phone Bill line card for 12 tenants
KTES-5000IC	No phone Bill CA71A/RJ71C interconnecting cable

KTES Accessories and Options

KTES-FBOX	KTES flush box for flush installation with black trim ring
KTES-HEAT	KTES heater pad for installation below -0°C (32°F)
KTES-CAM-N	KTES covert color camera kit with bracket (NTSC)
KTES-CAM-P	KTES covert color camera kit with bracket (PAL)
KTES-INDEX-F	KTES paper index directory illuminated with LED
KTES-INDEX-R	KTES paper index trim ring to be used with a flush installation of KTES (KTES-INDEX-F not included)
KTES-POSTAL	KTES postal lock bracket with switch
KTES-MPLATE	KTES mounting plate for goose-neck installation
E-KTES-500	Option certificate to increase KTES to a total of 500 tenants per unit
E-KTES-1000	Option certificate to increase KTES to a total of 1,000 tenants per unit
E-KTES-3000	Option certificate to increase KTES to a total of 3,000 tenants per unit

System Diagram



(2) For additional model numbers and descriptions, see price list located on the Member Center.

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

