

Access Control Starter and Expansion Kits

A Total System Solution for Small to Medium Size Businesses

Kantech's Access Control Starter and Expansion Kits offer a comprehensive solution for small to medium size businesses that are seeking an easy-to-use and highly reliable access control system.

The all-inclusive Starter Kits provide everything an installer needs to create a complete access control system. From the powerful EntraPass™ software and KT-300 door controller, to all of the peripherals in between, the Starter Kit makes sure nothing is left to chance.

Similarly, the Expansion Kits allow the installer to rest easy. Everything required to expand an existing system is all included in one easy-to-install kit. In 2-door increments, the Expansion Kit keeps up with even the fastest growing business.



Access Control Starter and Expansion Kits

The Starter Kits provide a complete, easy-to-use access control system in one box, while the Expansion Kits allow installers to quickly and easily add on to existing systems.

EntraPass™ Special Edition Software

Included in the Starter Kit, the EntraPass Special Edition software is an expandable single workstation access control system that is easy to install and easy to use.

System features include:

- Up to 128 Readers
- Emailing Reports Capability
- Unlimited Card Capacity
- Remote Site Management
- Express Setup
- Configurable Desktops
- Interactive Floor Plans
- Alarm System Integration
- Vocabulary Editor
- Integrated Badging
- Concurrent Operator Languages
- Automated System Backup

KT-300 Door Controller

The KT-300 Door Controller is a powerful and scalable door controller that controls 2 doors or can be easily linked to a network controlling thousands of doors. Additionally, the KT-300 supports expansion modules to add inputs, outputs and an LCD time display for time & attendance functions.

ioProx™ Readers

Two P225XSF ioProx readers are included in each Starter and Expansion Kit. The ioProx readers are attractive, compact, vandal and weather resistant, and encapsulated in epoxy potting. The innovative 'snap-and-lock' terminal blocks allow for easy wiring, saving time and money. The XSF (eXtended Secure) format provides increased security and guarantees against card duplication. Each reader is outfitted with an integrated piezo buzzer, bicolor LED and has a read range of up to 6.5 in (16.5 cm).

ioProx Keytags

The Starter Kit contains five P40KEY keytags that are small enough to fit on a key chain and are resistant to cracking and breaking.

USB-485 Converter

The USB-485 Protocol Converter converts USB to RS-485 and extends its communication up to 4,000 ft (1200 m). The converter uses an unshielded and twisted communication cable and is powered by a USB port.

Technical Specifications

EntraPass Special Edition System Capacities		Monitored points (inputs)	
Cards	Unlimited	Monitored points (inputs)	8 monitored points, NO/NC, with or without end-of-line resistors (expandable to 16)
Number of cards per controller in standalone mode	8,000	Door strike power	12 VDC, 250 mA each, supervised
Card families or site code	Unlimited	Auxiliary power output	12 VDC @ 125 mA max., protected and supervised
Number of sites	Up to 64 (Max. 64 controllers)	P225XSF ioProx Readers	
Door controllers per site	32	Typical read range	Up to 6.5" (16.5 cm)
Monitored Points (input)	512 per site	Input Voltage	4.5 to 14 VDC
Card user access levels	250 per site	Current DC maximum	45 mA
KT-300 Door Controller		Dimensions (H/W/D)	4.5" x 1.75" x 0.84" (114.3 x 44.5 x 21.3 mm)
Input power	16 VAC, 40 VA, class 2 transformer	Weight	3.2 oz
Battery backup	1 battery 12 V, 7 AH, supervised, provides operation for up to 12 hours	Color	Black
Dimensions (H/W/D)	11 3/4" x 11 3/8" x 3" (29.9 cm x 28.8 cm x 7.7 cm)	Transmit frequency	125 KHz
Operating temperatures	From 35° F to 110° F (2° C to 40° C)	Operating temperature	-30° F to 150° F (-35° C to 65° C)
Reader types	Wiegand, proximity, bar code, magnetic, integrated keypad and others	Format	XSF

Ordering Information:

SK-SE302* Starter Kit includes: EntraPass Special Edition software CD-ROM, KT-300/128K controller (1), ioProx P225XSF readers (2), USB-485 converter (1), TR1640P/UL transformer (1), 12-Volt, 7 amp battery (1), KT-RM1 relay (2) and ioProx P40KEY keytags (5). (US only)

EK-302* 2-door Expansion Kit includes: KT-300/128K controller (1), ioProx P225XSF readers (2), TR1640P/UL transformer (1), 12-Volt, 7 amp battery (1) and KT-RM1 relay (2). (US only).

*For Canadian customers, please add suffix "CDN" to part number to receive the CSA compliant transformer (SK-SE302CDN or EK-302CDN).