

## Access Control Starter and Expansion Kits

### Features That Make a Difference:

- Everything you need to install or expand a complete access control system
- A comprehensive solution for growing businesses
- Easy to install and easy to use
- Expand your access control system in 2-door increments using the Access Control Expansion Kit
- Compatible with EntraPass Special Edition, Corporate Edition, and Global Edition



Kantech™ Access Control Starter and Expansion Kits offer a comprehensive solution for growing businesses that are seeking an easy-to-use and highly reliable access control system.

The all-inclusive Starter Kit provides everything needed 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 Kit includes everything required to expand an existing system. In 2-door increments, the Expansion Kit keeps up with even the fastest growing business.

### EntraPass Special Edition Software

Included in the Starter Kit, EntraPass Special Edition software is an expandable single workstation solution that is easy to use. System features include:

- Up to 128 readers
- Unlimited card capacity
- Express setup
- Interactive floor plans
- Vocabulary editor
- Concurrent operator languages
- Emailing reports capability
- Remote site management
- Configurable desktops
- Alarm system integration
- Integrated badging
- Automated system backup

### KT-300 Door Controller

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

### ioProx Readers

The Kits include two P225XSF ioProx readers that are attractive, compact, and vandal resistant. Each reader is also encapsulated in epoxy potting which protects them from the elements. The innovative 'snap-and-lock' terminal blocks allow for easy wiring saving time and money. The eXtended Secure Format (XSF) increases security and protects against card duplication. Each reader is outfitted with an integrated piezo buzzer and bicolor LED and has a read range of up to 16.5 cm (6.5 in).

### 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 communication up to 1,200 m (4,000 ft). The converter uses an unshielded and twisted communication cable and is powered by a USB port.

### EntraPass Special Edition

Cards	Unlimited
Number of Cards Per Controller	
in Standalone Mode	8,000
Card Families or Site Code	Unlimited
Number of Sites	Up to 64 (max. 64 controllers)
Door Controllers Per Site	32
Monitored Points (Input)	512 per site
Card User Access Levels	250 per site

### KT-300 Door Controller

Input Power	16 VAC, 40 VA, class 2 transformer
Battery Backup	1 battery 12 V, 7 AH, supervised, provides operation for up to 12 hours
Dimensions (H x W x D)	29.9 x 28.8 x 7.7 cm (11.75 x 11.375 x 3 in)
Operating Temperatures	From 2°C to 40°C (35°F to 110°F)
Reader Types	Wiegand, proximity, bar code, magnetic, integrated keypad, and others
Monitored Points (Inputs)	8 monitored points, NO/NC, with or without end-of-line resistors (expandable to 16)
Door Strike Power	12 VDC, 250 mA each, supervised
Auxiliary Power Output	12 VDC @ 125 mA max., protected and supervised

### P225XSF ioProx Readers

Typical Read Range	Up to 16.5 cm (6.5 in)
Input Voltage	4.5 to 14 VDC
Current DC Maximum	45 mA
Dimensions (H x W x D)	114.3 x 44.5 x 21.3 mm (4.5 x 1.75 x 0.84 in)
Weight	90.7 g (3.2 oz)
Color	Black
Transmit Frequency	125 KHz
Operating Temperature	-35°C to 65°C (-30°F to 150°F)
Format	XSF

### Ordering Information

#### SK-SE302<sup>1</sup>

**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<sup>1</sup>

**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)

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

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