

Multi-Door Controller Kits

Features That Make a Difference:

- Controls up to eight or 12 doors from one enclosure (depending on model size enclosure)
- Cost-effectively consolidate multiple KT-300 controllers in a single enclosure to provide a streamlined installation
- Supports all Kantech™ software including EntraPass Special Edition, EntraPass Corporate Edition, and EntraPass Global Edition¹
- Order one model number to ensure you receive all hardware components at the same time
- Expand your system in 4-door increments using the Multi-Door Expansion Kit



42-inch Multi-Door Controller Kit shipped with two KT-300 controllers. Image shown fully configured.



28-inch Multi-Door Controller Kit shipped with two KT-300 controllers. Image shown fully configured.

Kantech Multi-Door Controller Kits provide all the necessary hardware components in one box, from powerful KT-300 controllers to readers and keytags, to complete or extend your access control system.

The Multi-Door Controller Kits are available in two enclosure size models: a 28-inch enclosure that can accommodate up to four KT-300 controllers and a 42-inch enclosure that can accommodate up to six KT-300 controllers. Each model includes an initial starter kit to control four doors: two KT-300 controllers, readers, and keytags (kits without readers and keytags are also available). You can easily add controllers to each enclosure to reach its respective configuration (8-door or 12-door).

The Multi-Door Controller Kits are ideal for large applications where space, time, and budget are important considerations. Rather than having to install separate enclosures for each KT-300, the Multi-Door Controller Kits enable you to mount multiple KT-300 controllers inside a single enclosure. This is a valuable benefit for sites with limited wall space. Also, by grouping multiple controllers in one enclosure, installers can work more quickly and efficiently, saving installation time and expense.

For added convenience, the Kantech Multi-Door Expansion Kit lets you expand your access control system in 4-door increments. The Multi-Door Expansion Kit leaves nothing to chance and provides the basic peripherals to expand your system such as additional KT-300 controllers, transformers, rechargeable batteries, and more – all with the convenience of one model number.

(1) EntraPass Global Edition requires v3.17 or higher with Windows® Global Gateway and KT-NCC.

Panel Enclosures 28-Inch Enclosure

KT-CAB3000LDR with door cover. 28-inch enclosure for two or four controllers.

Dimensions (H x W x D) 72.4 x 36.2 x 10.2 cm (28.5 x 14.25 x 4 in)

Knock-out Dimensions 2.22 cm, 4.44 cm, 6.35 cm
(0.875 in, 1.750 in, 2.5 in)

Weight 12.2 kg (26.8 lbs)

Color White

42-Inch Enclosure

KT- CAB4000LDR with door cover. 42-inch enclosure for up to six controllers.

Dimensions (H x W x D) 106.7 x 36.2 x 10.2 cm (42 x 14.25 x 4 in)

Knock-out Dimensions 2.22 cm, 4.44 cm, 6.35 cm
(0.875 in, 1.750 in, 2.5 in)

Weight 16.8 kg (37 lbs)

Color White

KT-300 Door Controller (PCB Only)

The KT-300 is a powerful and scalable door controller that controls two doors. Additionally, the KT-300 supports expansion modules for additional inputs and outputs.

Input Power 16 VAC, 40 VA, Class 2 transformer

Battery Backup One battery 12V/7Ah, supervised, provides operation for up to 12 hours

Operating Temperatures 2° to 40°C (35° to 110°F)

Reader Types. Wiegand, proximity, bar code, magnetic, integrated keypad, and others

Monitored Points (inputs) Eight monitored points, NO/NC, with or without end-of-line resistors (expandable to 16)

Door Strike Power 12 VDC, 250mA each, supervised

Auxiliary Power Output 12 VDC @ 125mA max., protected and supervised

ioProx Readers

Four P225XSF ioProx readers are included in both the Multi-Door Controller and Expansion Kits. 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 and a bicolor LED.

Typical Read Range. Up to 16.5 cm (6.5 in)

Input Voltage 4.5 to 14 VDC

Current DC Maximum 45mA

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 g (3.2 oz)

Color Black

Transmit Frequency 125 KHz

Operating Temperature -35° to 65°C (-30° to 150°F)

Format XSF

ioProx Keytags

Each Multi-Door Controller Kit contains 25 P40KEY keytags that are small enough to fit on a key chain and are resistant to cracking and breaking.

Transformers

KT-300 Transformer, Plug-in

Voltage. 110 VAC/16 VAC (40 VA)

Certification TR1640P/UL UL approved
TR1640P/CSA CSA approved

Ordering Information EK-4RDR-8*

4-Door Kit, 28-inch Enclosure Multi-Door Controller Kit includes:

KT-CAB3000LDR 28-inch enclosure with door cover (1), KT-MP300 mounting plates (2), KT-BB100/BB101 battery brackets (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4), ioProx P40KEY keytags (25), KT-TAMPER tamper switch (1), KT-LOCK lock and keys (1). UL certified kit.

EK-4D-8*

4-Door Kit, 28-inch Enclosure Multi-Door Controller Kit without Readers and Keytags

EK-4RDR-12*

4-Door Kit, 42-inch Enclosure Multi-Door Controller Kit includes:

KT-CAB4000LDR 42-inch enclosure with door cover (1), KT-MP300 mounting plates (2), KT-BB100/BB101 battery brackets (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4), ioProx P40KEY keytags (25), KT-TAMPER tamper switch (1), KT-LOCK lock and keys (1). UL certified kit.

EK-4D-12*

4-Door Kit, 42-inch Enclosure Multi-Door Controller Kit without Readers and Keytags

EK-4RDR-ADD*

Multi-Door Expansion Kit includes:

KT-MP300 mounting plates (2), KT-BB100/BB101 battery plates (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4).

EK-4D-ADD*

Multi-Door Expansion Kit without Readers

*For Canadian customers, add suffix "CDN" to model number to receive the CSA-compliant transformer (EK-4RDR-8CDN, EK-4D-8CDN, EK-4RDR-12CDN, EK-4D-12CDN, EK-4RDR-ADDN, or EK-4D-ADDN).

Accessories

KT-CAB3000LDR 28-inch enclosure with door cover for up to four KT-300 PCB controllers

KT-CAB4000LDR 42-inch enclosure with door cover for up to six KT-300 PCB controllers

KT-MP300 Mounting plates (15.24 x 20.32 cm/6 x 8 in) for KT-300PCB and KT-PC4204 module. Compatible with enclosure KT-CAB3000LDR and KT-CAB4000LDR (Package of two)

KT-MP200 Mounting plates (15.24 x 10.16 cm/6 x 4 in) for KT-PC4108 and KT-PC4216 modules. Compatible with enclosure KT-CAB3000LDR and KT-CAB4000LDR (Package of four)

KT-BB101 Battery bracket (left side), compatible with enclosure KT-CAB3000LDR and KT-CAB4000LDR

KT-BB100 Battery bracket (right side), compatible with enclosure KT-CAB3000LDR and KT-CAB4000LDR