



# KT-100 Mini Door Controller

Opens the door to versatile security

- Flash memory programming
- Fast Communication Speed up to 115,200 bauds
- Trouble Reporting
- Shorter Installation Time
- Interfaces with an External Alarm System



# KT-100 Mini Door Controller

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## Flash Memory Programming

The KT-100's firmware program is stored in flash memory for easy upload from the workstation without changing memory chips. Security providers will also find the flash memory saves time by allowing system upgrades from a PC without having to physically go to every controller.

## Trouble Reporting

Constant trouble supervision keeps tabs on the unit's power supply and whether a short to ground or open circuit is affecting the locking device. It also checks all the equipment for any type of failure or tampering, while a self-resetting PTC protects the power output against short circuits and surges.

## Shortens Installation Time

Mounts on the secure side of a door, reducing the length of cable required for installations. Has no dipswitches or jumpers to set. Includes connections for 2 card readers (entry/exit), lock device, door contact and request to exit. Mounting is easy: it can be placed on a single gang box (flush mount) or on a surface back box specially designed for it.

## Interfaces With An External Alarm System

Installers can assign registered users permission to arm or disarm an external alarm system. Using a TCP/IP interface module, the KT-100 can be connected to a LAN/WAN network (using Kantech's EntraPass Corporate Edition multi-user access control system software).

### KT-100 Technical Specifications

<b>Input power</b>	9.5 to 14 VDC/50mA + accessories (Max. 750mA)
<b>Battery backup</b>	1 lithium battery, up to 10 year retention
<b>Dimensions (H-W-D) inches</b>	4.5" H x 2.75" W x 1.25" D (11.4cm x 7.0cm x 3cm)
<b>Operating temperatures</b>	From 35°F to 110°F (2°C to 40°C), 0-95% humidity, non-condensing
<b>Reader types</b>	Wiegand, proximity, bar code, magnetic, integrated keypad and others
<b>Monitored points (inputs)</b>	4 monitored points, NO/NC, with or without end-of-line resistors
<b>Points maximum wiring</b>	600m (2,000') – (AWG #22)
<b>Door strike power</b>	12VDC, 250mA each, supervised
<b>Auxiliary outputs (LED, BUZ)</b>	2 outputs, open NPN collector for door access & status 25mA max, 12 VDC each
<b>Relay outputs (R1 ,R2 , R3 , R4)</b>	2 control relay outputs, 12VDC, 25mA totals each, open collector to ground 2 relay outputs, 30VAC/DC, 50mA (max) each. Two opto-isolated contacts per relay
<b>Reader power outputs</b>	5VDC @150mA total, protected
<b>Communication ports</b>	RS-485
<b>Communication speed</b>	Up to 115,200 bps (automatic detection)
<b>Firmware Flash memory</b>	64k
<b>RAM memory</b>	128k, protected by a lithium battery
<b>Network autonomy</b>	Distributed data and processing
<b>Certifications/Listing</b>	FCC Part 15, Class B

### Ordering Information

<b>KT-100</b>	Mini Door Controller 2 readers, 1 door (requires 12VDC power supply)
<b>MUSB-1WHT</b>	Surface mounting box to use with the KT-100 Mini Door Controller (color: white)
<b>VC-485</b>	RS-232/RS-485 multi-function communication interface
<b>USB-485</b>	USB to RS-485 communication interface

