KANTECH

KANTECH

P600

P325XSF

P225XSF   P325KPXSF   P225KPW26

P600/P325XSF/P225XSF P325KPXSF/P225KPW26

P10SHL

P20DYE

P30DMG

P40KEY

new

POL-2KP

Part No	Quick Ref	Product Description	New Products
IOPROX READERS			
P225XSF	0251660	IOPROX reader MULLION XSF format, typical read range up to 16.5cm, dimensions: 114.3 x 44.5 x 21.3mm	←
P225W26	0263720	IOPROX reader MULLION Wiegand 26 format, typical read range up to 16.5cm, dimensions: 114.3 x 44.5 x 21.3mm	←
P225KPXSF	0312170	IOPROX MULLION reader with keypad , XSF format, typical read range up to 16.5cm, dimensions: 114.3 x 44.5 x 21.3mm	←
P225KPW26	0312180	IOPROX MULLION reader with keypad, Wiegand 26 format, typical read range up to 16.5cm, dimensions: 114.3 x 44.5 x 21.3mm	←
P325XSF	0274470	IOPROX reader XSF FORMAT, typical read range up to 20.5cm, dimensions: 115.6 x 71.1 x 21.3mm	←
P325W26	0248930	IOPROX reader Wiegand 26 format , typical read range up to 20.5cm, dimensions: 115.6 x 71.1 x 21.3mm	←
P325KPXSF	0273720	IOPROX SINGLE GANG reader with keypad, XSF format, typical read range up to 20.5cm, dimensions: 115.6 x 71.1 x 21.3mm	←
P325KPW26	0312190	IOPROX SINGLE GANG reader with keypad, Wiegand 26 format, typical read range up to 20.5cm, dimensions: 115.6 x 71.1 x 21.3mm	←
KANTECH SPECIAL READERS			
P600	0312200	IoProx proximity long range reader, unshielded cable, extended secure format and Weigand 26 bit selectable (black). P600 compatible proximity cards: P10SHL (standard card), P20DYE (dye-sub card), P30DMG (dye-sub card with non encoded mag-stripe) and P40KEY (keytag)	←
KP-2500	0312210	Keypad, indoor/outdoor, vandal resistant (BCD output)	←
ES-KTP/103SN	0312220	Keypad, indoor/outdoor, vandal resistant, 26-bit Wiegand	←
IOPROX CARDS AND TAGS			
P10SHL	0148140	IoProx proximity card (standard), XSF/26 bit Wiegand	
P20DYE	0148150	Thin IoProx proximity card, front/back surface glossy for dye-sub printing, XSF/26 bit Wiegand	
P30DMG	0148160	Thin IoProx proximity card with blank magstripe, XSF/26 bit Wiegand	
P40KEY	0148170	IoProx proximity key tag, XSF/26 bit Wiegand	
POLARIS MAGSTRIPE READERS			
POL-2	0121990	Polaris2 magstripe reader (indoor/outdoor)	←
POL-25M	0312140	Polaris2 magstripe reader with 5m (16") cable (indoor/oudoor)	←
POL-2KP	0122000	Polaris2 magstripe reader with integrated keypad (indoor/outdoor)	←
POL-2KP-5M	0312150	Polaris2 magstripe reader with integrated keypad, 5m (16') cable (indoor/outdoor)	←
POLARIS MAGSTRIPE CARDS			
POL-C1CN	0122010	Polaris magstripe card, pre-programmed, high coercivity (also includes bar code) (minimum quantity 50, increment quantity 50)	←
POL-C5CN	0122040	Polaris magstripe card, pre-programmed, high coercivity (also includes bar code), glossy front surface for dye-sub printing (minimum quantity 50, increment quantity 50)	←
POL-C6CN	0312160	Polaris magstripe, pre-programmed, high coercivity, glossy front surface for dye-sub printing (minimum quantity 50, increment quantity 50)	←

Notes

→ **TECHNICALTIP**

IoProx readers' 26 bit Wiegand format is the perfect solution for use with virtually any Access Control system in the market. This is so long as the software can accept multiple site codes as card numbers are not reproduced for specific sites, each card is unique. This greatly reduces the error and delivery times for IoProx cards and ensures a very high level of security.

→ **TECHNICALTIP**

As IoProx cards are dual format, the same card can be used for an XSF Kantech format IoProx reader or 26 bit Wiegand IoProx reader.

→ new

VPRX-IO-XSF

Part No	Quick Ref	Product Description	New Products
FINGERPRINT READERS			
VPRX-IO-XSF	0312230	VERIPROX fingerprint verification reader with integrated IoProx proximity card reader (XSF Kantech format). Self-contained unit stores 4000 fingerprint templates. Verifies a user in less than one second	←
VPRX-IO-W26	0312240	VERIPROX fingerprint verification reader with integrated IoProx proximity card reader (26-bit Wiegand format). Self-contained unit stores 4000 fingerprint templates. Verifies a user in less than one second	←
Notes			

KANTECH ACCESS CONTROL DESIGN MATRIX

No. Doors	Read Range	Reader Type	Software	Controllers	Lock Relays	PSU's	Egress (REX)	Locks	Cards	B'glass
1	16.5cm	P225 XSF	Entra-SE	KT-100	KT-RM1 x 1	TR1640W-220 x 1	DRB001N x 1	G10001 (Maglock)	P10SHL	BG1G x 1
	16.5cm	P225KP XSF				PS100 x 1		or	P40KEY	
	20.5cm	P325XSF						TS111BS (wood)	P30DMG	
	20.5cm	P325KP XSF						TS111AS (metal)	P20DYE	
	73cm	P600XSF								
2	16.5cm	P225 XSF	Entra-SE	KT-300-EU-8K x 1	KT-RM1 x 2	PS100 x 2	DRB001N x 2	G10001 (Maglock)	P10SHL	BG1G x 2
	16.5cm	P225KP XSF		(8000 CARDHOLDERS)				or	P40KEY	
	20.5cm	P325XSF						TS111BS (wood)	P30DMG	
	20.5cm	P325KP XSF						TS111AS (metal)	P20DYE	
	73cmcm	P600XSF								
4	16.5cm	P225 XSF	Entra-SE	KT-300-EU-8K x 2	KT-RM1 x 4	PS100 x 4	DRB001N x 4	G10001 (Maglock)	P10SHL	BG1G x 4
	16.5cm	P225KP XSF		(8000 CARDHOLDERS)				or	P40KEY	
	20.5cm	P325XSF						TS111BS (wood)	P30DMG	
	20.5cm	P325KP XSF						TS111AS (metal)	P20DYE	
	73cm	P600XSF								
6	16.5cm	P225 XSF	Entra-SE	KT-300-EU-8K x 3	KT-RM1 x 6	PS100 x 6	DRB001N x 6	G10001 (Maglock)	P10SHL	BG1G x 6
	16.5cm	P225KP XSF		(8000 CARDHOLDERS)				or	P40KEY	
	20.5cm	P325XSF						TS111BS (wood)	P30DMG	
	20.5cm	P325KP XSF						TS111AS (metal)	P20DYE	
	73cm	P600XSF								
8	16.5cm	P225 XSF	Entra-SE	KT-300-EU-8K x 4	KT-RM1 x 8	PS100 x 8	DRB001N x 8	G10001 (Maglock)	P10SHL	BG1G x 8
	16.5cm	P225KP XSF		(8000 CARDHOLDERS)				or	P40KEY	
	20.5cm	P325XSF						TS111BS (wood)	P30DMG	
	20.5cm	P325KP XSF						TS111AS (metal)	P20DYE	
	73cm	P600XSF								
10	16.5cm	P225 XSF	Entra-SE	KT-300-EU-8K x 5	KT-RM1 x 10	PS100 x 10	DRB001N x 10	G10001 (Maglock)	P10SHL	BG1G x 10
	16.5cm	P225KP XSF		(8000 CARDHOLDERS)				or	P40KEY	
	20.5cm	P325XSF						TS111BS (wood)	P30DMG	
	20.5cm	P325KP XSF						TS111AS (metal)	P20DYE	
	73cm	P600XSF								
12	16.5cm	P225 XSF	Entra-SE	KT-300-EU-8K x 6	KT-RM1 x 12	PS100 x 12	DRB001N x 12	G10001 (Maglock)	P10SHL	BG1G x 12
	16.5cm	P225KP XSF		(8000 CARDHOLDERS)				or	P40KEY	
	20.5cm	P325XSF						TS111BS (wood)	P30DMG	
	20.5cm	P325KP XSF						TS111AS (metal)	P20DYE	
	73cm	P600XSF								
14	16.5cm	P225 XSF	Entra-SE	KT-300-EU-8K x 7	KT-RM1 x 14	PS100 x 14	DRB001N x 14	G10001 (Maglock)	P10SHL	BG1G x 14
	16.5cm	P225KP XSF		(8000 CARDHOLDERS)				or	P40KEY	
	20.5cm	P325XSF						TS111BS (wood)	P30DMG	
	20.5cm	P325KP XSF						TS111AS (metal)	P20DYE	
	73cm	P600XSF								
16	16.5cm	P225 XSF	Entra-SE	KT-300-EU-8K x 8	KT-RM1 x 16	PS100 x 16	DRB001N x 16	G10001 (Maglock)	P10SHL	BG1G x 16
	16.5cm	P225KP XSF		(8000 CARDHOLDERS)				or	P40KEY	
	20.5cm	P325XSF						TS111BS (wood)	P30DMG	
	20.5cm	P325KP XSF						TS111AS (metal)	P20DYE	
	73cm	P600XSF								

KANTECH

KT-300EU

new

The KT-300EU is a PC based two door controller compatible with EntraPass Security Software packages.

Now with new European enclosure.

Some of the key features offered by the KT-300EU are:

→ Controls two doors and easily links to a network
→ Update the firmware directly from systems workstation
→ Fast, up to 115,200 baud
→ Ready to go, no dip switches or jumpers to set
→ PSU to provide up to 500mA @ 12V DC per door lock
→ 5V and 12V reader power support
→ Interfaces with an external alarm system
→ Supervises battery conditions and reports low battery/no battery status to the system
→ Automatic trouble reporting
→ All power outputs are individually protected against short circuits and surges by a self-resetting PTC
→ Choice of two memory capacities, 128K or 512K

KT-100

new

The KT-100 Mini Door Controller is compact and versatile with a space-saving design that incorporates all the components and equipment found in much larger controllers.

→ Single door controller
→ Flash memory programming
→ Fast communication speed, up to 115,200 baud
→ Automated trouble reporting
→ Interfaces with an external alarm system
→ Update firmware directly from the workstation
→ No dip switches or jumpers to set decreases installation time

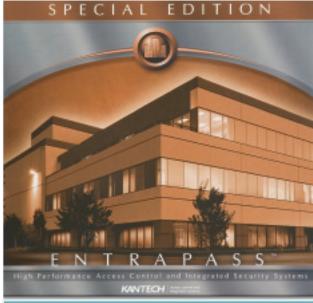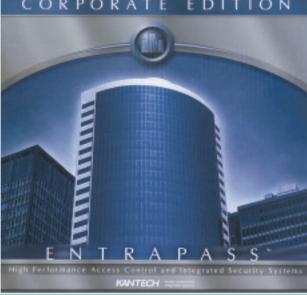| Part No	Quick Ref	Product Description	New Products
ENTRAPASS SOFTWARE			
E-SPE-EN	0251460	EntraPass special edition	←
E-COR-EN	0312020	License for EntraPass Corporate Software including 2 additional workstation licenses, elevator control, badging, remote site management and SmartLink. Also includes English reference manual and CBLK-10 cable kit	←
E-GLO-WS1-V3	0312040	License for 1 additional workstation option	←
E-GLO-WS8-V3	0312050	License for 8 additional workstations option	←
E-GLO-COM-V3	0312060	License for 16 additional Global gateways (DOS NCC)	←
E-GLO-COM-V3WIN	0312070	License for 16 additional Global gateways (Windows NCC)	←
E-GLO-CORCOM-V3	0312080	License for 40 additional Corporate gateways	←
E-GLO-RDN-V3	0312090	Redundancy server option for EntraPass Global edition	←
E-GLO-SQL-V3	0312100	License for Oracle/MS-SQL HR interface option	←
E-GLO-VVM-V3	0312110	License for EntraPass Video Vault	←
PROTOCOL CONVERTERS			
VC-485	0147960	Multi-function communication interface RS232 to RS485 to daisy chain the KT-XXX controllers	←
USB-485	0260590	The USB-485 Communication Interface is a protocol converter used to connect a PC's USB port to the RS-485 input on your Kantech controller KT-100 / KT-300. The maximum bus length is 1.2 km	←
TRM002	0163110	Lantronix UDS-10-02 DS, one port device server, RS232/485, 10 base	←
TRM003	0233000	Lantronix UDS-100-02 DS, one port device server, RS232/485, 100 base: serial interface (RS-232, RS-422, RS-485), 10 Base-T/100 Base-TX Ethernet,diagnostic LEDs, AC power adaptor, CD-ROM with configuration tools and documentation, printed Quick Start guide. Power switch is able 110/220	←
CONTROLLERS			
KT-300EU-8K	0311980	KT-300 controller supplied with European enclosure. 128K PCB to support up to 8,000 card holders. Enclosure supplied with transformer to power KT-300PCB + PSU to provide up to 500mA @ 12V DC for locking per lock output	←
KT-300EU-56K	0311990	KT-300 controller supplied with European enclosure. 512K PCB to support up to 56,000 card holders. Enclosure supplied with transformer to power KT-300PCB + PSU to provide up to 500mA @ 12V DC for locking per lock output	←
KT3-LCD	0312000	LCD time & date display for time and attendance for KT-300	←
TYCO-A-ACCESS	0312010	European enclosure for KT-300. Enclosure supplied with transformer for KT-300 PCB and power supply for up to 500mA @ 12V DC for each lock output	←
808.012.510	0121810	External isolation relay SPDT for KT-300 output RL1/RL2	
KT-300TAMP	0147800	Tamper switch for KT-300CAB and KT-4051CAB metal cabinet	
KT-PC4108	0122110	8-zone input expansion module	
KT-PC4204	0121780	4-relay output and COMBUS additional power supply	
KT-PC4216	0121790	16-output expansion module	
KT-100	0311960	Mini door controller 2 readers, 1 door for flush mount, requires 12V DC power supply (without surface mount box)	←
MUSB-1WHT	0311970	Surface mounting box to use with the KT-100 mini door controller (colour: white)	←

Notes

EntraPass™ Security Software

EntraPass™ Special Edition

The EntraPass Special Edition single-workstation software package accommodates an unlimited number of cardholders from one workstation and controls up to 128 doors.

→ Network ready
→ Easy to use, easy to install
→ Quicker installations
→ Integrates easily with external alarm systems
→ Operator friendly

EntraPass™ Corporate Edition

EntraPass Corporate Edition provides expanded functionality with the ability to control thousands of doors from up to 20 workstations. This proven platform gives you the ultimate balance between power and affordability in a network environment.

→ Visual diagnostics
→ Integrated badging
→ SmarkLink™ feature
→ Enhanced video integration
→ EntraPass Video Vault™ option

EntraPass™ Global Edition

EntraPass Global Edition is the most powerful software package Kantech has to offer. With features like global anti-passback and area management, this system provides solutions for the most demanding applications. It will adapt easily to your needs, allowing users to access remote sites from up to 128 workstations.

→ Network ready
→ High performance
→ Visual diagnostics
→ SmarkLink™ feature
→ Enhanced video integration
→ EntraPass Video Vault™ option

KANTECH

KANTECH

new

IOPASS

The IoPass is a very simple stand-alone Access Control system suitable for a wide range of security applications. Some of the key features of the IoPass include:

→ Up to 5,000 card holders
→ Use reader, keypad or both
→ Integrated or external IoProx proximity reader
→ Easy programming from the keypad
→ LCD display for ease of use
→ Higher security provided by a concealed door relay module
→ Auxiliary relay to arm/disarm an alarm system
→ Audit trail on the unit
→ Duress function available
→ 10 Proximity tags included
→ No need for site code
→ Any IoProx device can be enrolled
→ Runs from 12V DC
→ 3Amp relay rating for lock output
→ Up 150m run from reader to controller, CAT5 or alarm cable unshielded

Part No	Quick Ref	Product Description	New Products
IOPASS STAND-ALONE SYSTEM			
SA-500-EN	0122080	IOPass controller with integrated reader	←
SA-600-EN	0122090	IOPass controller with external reader	←
SA-RM56	0147810	Additional relay module for the IoPass	
T-REX EXIT DETECTOR			
T.REX-LT	0147930	T-REX exit detector with tamper and timer, white	
T.REX-XL	0037860	T-REX exit detector with tamper, piezo and timer, white	
T.REX-LT2	0186690	T-REX exit detector with tamper, timer and 2-relays, white	
T.REXXL2	0186700	T-REX exit detector with tamper, piezo, timer and 2-relays, white	
T.REX-XLBLK	0147950	T-REX exit detector with tamper, piezo and timer, black	
T.REX-XL2BLK	0186710	T-REX exit detector with tamper, piezo, timer and 2-relays, black	

Notes

T-REX

Why use T-Rex for Access Control applications?

→ Hands free exit, no buttons
→ User friendly to compliment Proximity technology
→ Local built in sounder for higher security
→ Accurate beam targeting coupled with digital signal processing leaves it unchallenged for accuracy
→ It can be used with any Access Control system
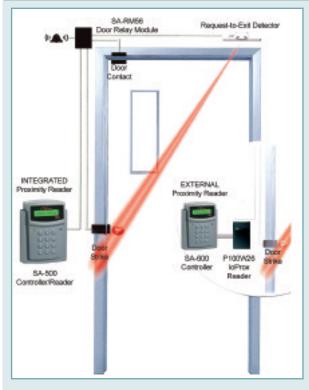
T-REX APPLICATIONS

RANGE OF APPLICATIONS

The T-Rex exit detectors can be used for a wide range of applications. Especially suited to high traffic applications such as hospitals, offices and factories. The T-Rex can also be used in conjunction with CCTV where movement detection can trigger a relay to activate recording.

IOPASS OPTIONS

THE IOPASS IS AVAILABLE IN TWO VERSIONS

→ SA-500 integrated reader controller
→ SA-600 separate reader and controller

SA-600 is suitable for external use. Both versions are supplied with 10 IoProx proximity keytags and an external relay module as standard.

KANTECH

new

EXTERNAL SA-600

PROXIMITY READER

Controller with separate reader

Function selection jumpers: Latch, fast/slow detection, LED disable.

Integrated 90dB piezo for door alarm. Controlled by remote panel or through on-board relay (5-28VDC).

Infrared sensor encased in an insulation chamber. The signal is subsequently audited by the on-board computer and filtered using digital signal processing technology (DSP) with automatic environmental compensation.

Tamper switch N.C.

Lock control relay   Main relay   Lock control relay and main relay terminals

Main relay timer jumpers 16-step digital timer from 0.5 to 60 seconds

X-Y Targeting™ using two adjustable louvers to target a specific area of detection such as a door handle or panic bar.

Power terminals and tamper output

On-board computer

T.REX-XL2 model shown