

**DATA SHEET**



The Kantech™ IP Link makes it easy and affordable to manage your Kantech access control system over a network.

Unlike similar devices, the IP Link manages polling of door controllers and communicates with the EntraPass Gateway only when an event has occurred. Communication integrity is ensured through a heartbeat signal, which is sent at a regular interval to the EntraPass software. This asynchronous communication significantly reduces the amount of bandwidth required to manage your access control system over the network.

The IP Link is easy to set up. Use an EntraPass workstation, a web browser or the KT-Finder, an intuitive standalone application designed to locate and configure the IP Link.

(1) Requires EntraPass v4.0 and higher

## EntraPASS™ IP Link

### Features That Make a Difference:

- Powerful solution for connecting KT-100, KT-200 and KT-300 door controllers to existing network infrastructure
- Secure communication via 128-bit AES encryption
- Configured using either a static or dynamic IP address
- Up to 512 IP Links can be supported per EntraPass Gateway, a cost-effective solution to managing multiple remote sites
- Communicates over the network only as required, keeping network traffic down to a minimum
- Plug and play setup makes it quick and easy to use with EntraPass access control software
- Supports up to 32 door controllers per device
- Compatible with EntraPass Special, Corporate and Global Editions (Global Edition with Corporate Gateway only)<sup>1</sup>

In most installations, EntraPass software automatically detects and configures the IP Link using the MAC address.

The IP Link uses 128-bit AES encryption to communicate with EntraPass, which ensures secure communication when used over the Internet.

The IP Link leverages Kantech’s robust portfolio of KT-controllers to offer a powerful security solution for any size application. The EntraPass access control system can control access for one door to thousands of doors and, with the IP Link, can effortlessly communicate over an existing network.

### Physical

Weight  
 KT-IP .....0.6 kg (1.3 lbs)  
 KT-IP-PCB .....0.18 kg (0.4 lbs)  
 KT-IP-CAB .....1.81 kg (4.0 lbs)

Dimensions  
 KT-IP .....26.7 x 9.5 x 3.12 cm (10.5 x 3.72 x 1.23 in)  
 KT-IP-PCB .....22 x 8.30 x 2.5 cm (8.66 x 3.25 x 1.0 in)  
 KT-IP-CAB .....28.4 x 29.7 x 7.8 cm (11.2 x 11.7 x 3.1 in)

Communication Ports .....RJ-45 Ethernet 10/100Base-T and RS-232  
 Communication Speed .....Up to 115200 baud for serial communication  
 Flash ROM .....2 MB  
 RAM .....8 MB  
 Compatibility .....KT-100, KT-200 and KT-300 door controllers  
 Maximum Unit .....Up to 512 IP Links per Corporate Gateway  
 Up to 64 IP Links per Special Edition

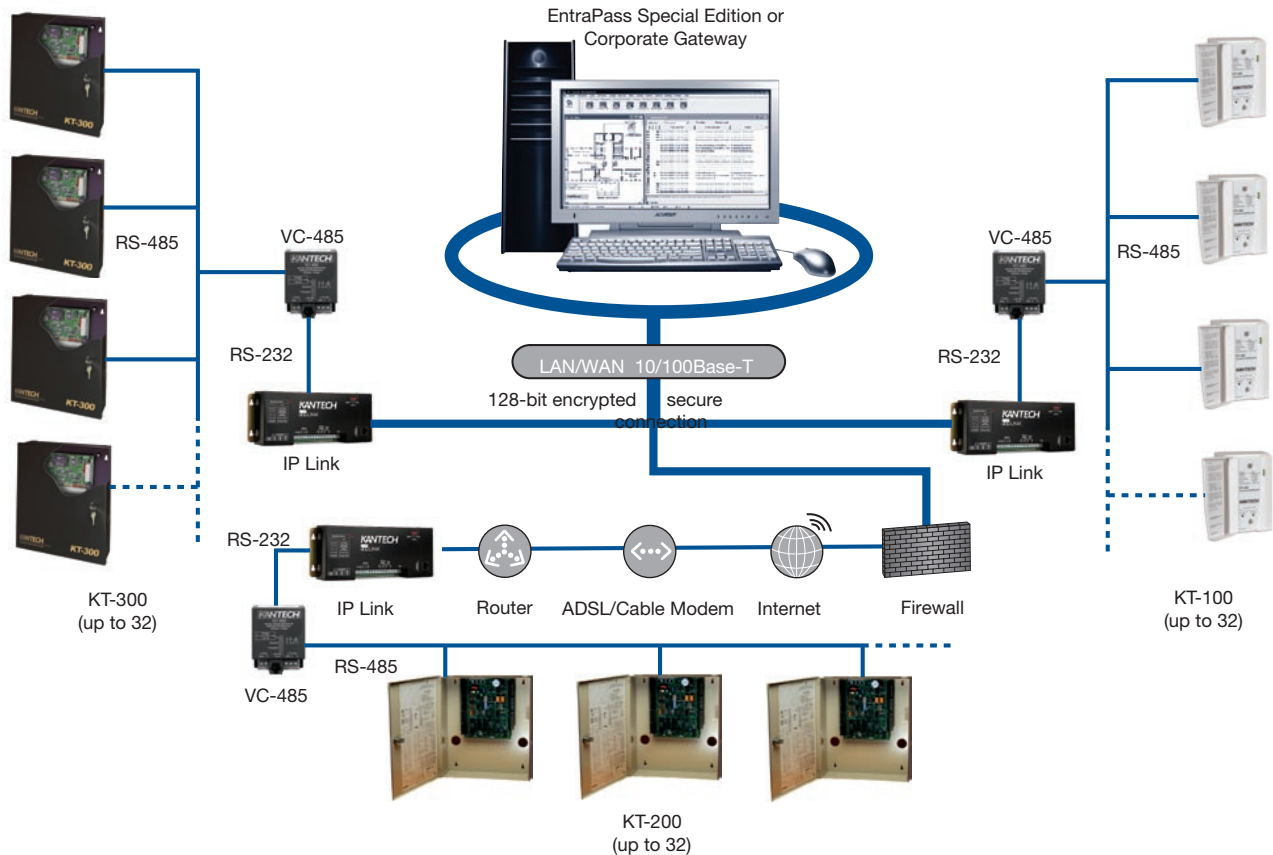
### Operational

EntraPass .....Version 4.0 and higher

### Environmental

Operating Temperature .....0°C to 49°C (32°F to 122°F)  
 Humidity .....0 to 85% non-condensing, indoor use only

### Network Architecture



## SPECIFICATIONS

### Electrical

DC Power Input .....12 VDC  
 Input Current .....Max: 175 mA, Typical: 125 mA

### Regulatory

Compliance .....FCC Part 15 Class A  
 EN55022 (CISPR22)  
 EN55024  
 CE  
 C-Tick  
 Certifications .....UL294  
 Environmental .....RoHS  
 WEEE

### Model Numbers

KT-IP .....IP Link module with wall mount metal enclosure and accessories (ground wire, plastic stand off, cable/connector)  
 KT-IP-PCB .....IP Link module PCB only with accessories (ground wire, plastic stand off, cable/connector)  
 KT-IP-CAB .....Metal cabinet for KT-IP-PCB

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