IP-Link

Data Sheet

Features That Make a Difference

- Powerful connection between KT-300 controllers and TCP/IP network applications
- Allows controllers to interface easily with other TCP/IP protocol compatible devices
- 10/100 Base-T Ethernet compatible interface
- RJ45 connector allows direct connection to CAT5 network cabling
- RS-232 port allows any K**T** controller with a serial port to be networked together using Ethernet networking
- Cost-effective solution for 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 security management software
- Supports up to 32 door controllers per device

Network Connection Made Easy

Combine The Kantech IP Link (KT-IP) is an RS-232 to TCP/IP interface that connects KT-100 or KT-300 door controllers to a network. It reduces cabling, and gives the controllers real-time access to information and enhanced functionality by leveraging the bi directional communications capabilities of TCP/IP. KT-IP integrates seamlessly into an existing TCP/IP network and requires no changes to existing equipment, network, or systems. The KT-IP is compatible with EntraPass security management software and uses 128-bit AES encryption to ensure secure communication.

The data transfer from the controller is asynchronous to the actions on the TCP/IP network. The KT-IP manages polling of door controllers and communicates with the EntraPass Multi-Site 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 KT-IP 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 KT-IP. In most installations, EntraPass software automatically detects and configures the KT-IP using the MAC address.

Specifications

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 and KT-300 door controllers
Number of KT-IP	Up to 512 KT-IP per Multi-Site Gateway Up to 64 IP Links per EntraPass 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

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