Box contents
Before you install the controller, check that the product box contains the following items:
• One KT-1 One-Door Controller
• One Accessories Kit
• Quick Start Guide
• Installation Guide

Technical support
For technical support contact details, refer to the Support section on www.kantech.com.

Operating modes
Use the controller in one of the following three modes:
• Stand-alone mode: use as a stand-alone controller with direct configuration. This does not require any software.
• EntraPass mode: use with EntraPass access control management software to connect to additional doors and controllers.
• Cloud mode: use with Cloudvue. This does not require any on-premises application or server.

Powering the KT-1
Power the KT-1 in one of the following ways:
• Power over Ethernet (PoE)
• Power over Ethernet plus (PoE+)
• Connect an external power supply to the 12 VDC input.
1 - Power the KT-1 as shown in the KT-1 One-Door Controller Installation Guide.
2 - Connect the KT-1 using an Ethernet cable to the local area network (LAN).

Configuring the KT-1 using a browser
Use the KT-Registration web page to configure the controller.
1 - Determine your connection to the KT-1 and choose the appropriate network cable.
2 - On your computer or mobile device, open a web browser.
3 - In the address bar, type KT and the last six digits of the controller's MAC address in the following format: KT-XX-YY-ZZ/

Configuring stand-alone mode
To use the controller in stand-alone mode, you do not have to install software. In stand-alone mode, you can perform all operations and programming using a web browser.

Figure 1: KT-1 Registration page

Configuring stand-alone mode using the activate now option
1 - On the KT-1 REGISTRATION page, click Standalone.
2 - On the Activate now tab, in the Customer information and Installer information fields, enter the relevant information. See Figure 2.
3 - Click Activate now.
Figure 2: Activating stand-alone mode

Configuring stand-alone mode using the other ways to activate option
2 - Click Support and click Kantech Registration.
3 - In the KT Standalone Registration area, click Click here.
4 - On the KTWeb - Registration page, enter the relevant information and click Register. You receive an activation code by email. Alternatively, contact Kantech technical support in your region to get an activation code.
5 - Return to the KT-1 REGISTRATION page and click Standalone.
6 - Click the Other ways to activate tab.
7 - In the Activation code field, enter the activation code and click Activate now.

Figure 3: Other ways to activate stand-alone mode

Configuring EntraPass mode
1 - On the KT-1 REGISTRATION page, click EntraPass.
2 - In the EntraPass gateway pane, in the IP address field, enter the IP address, or in the Domain name field, enter the domain name.
3 - From the Protocol list, select TCP or UDP.
4 - Optional: If you selected UDP, in the Port field, enter a port number.
5 - Click Save.

Configuring cloud mode
1 - On the KT-1 REGISTRATION page, click Cloudvue.
2 - In the Cloudvue Registration pane, in the Cloudvue Partner and Cloudvue Account Name fields, enter the partner and account name, and from the Cloudvue Data Center list, select the data center.

   Note: To find out this information, contact your Cloudvue administrator.
3 - Click Save.

After you configure the controller in cloud mode, you can add it to the Cloudvue system. For more information, refer to the KT-1 One-Door Controller Installation Guide.

Setting up using the wizard
If you use the controller in stand-alone mode, use the wizard to program it.

Entering credentials
1 - In the Username and Password fields, enter your credentials.
2 - Select Installer or Operator.
3 - Click Next.

Notes:
- Your password must be 8 characters and include a lowercase letter, an uppercase letter, a number, and a special character.
- There is no way to restore a forgotten password. You must factory default the unit.

Setting the date and time
- Configure the Date, Date format, Hour and Time zone, and click Next step.

Formatting cards
1 - From the Reader Type and Card Format lists, select your card reader and format type. HHHH:DDDD is the default card format.
2 - In the Number of PIN digits field, enter or select the PIN length.
3 - Optional: Select the Allow PIN duplication check box.
4 - Click Next step.

Configuring doors
1 - In the Door name field, enter the door name.
2 - For ioSmart card readers, in the Serial number field, enter the entry card reader's serial number and enter the exit card reader's serial number.
3 - Select Fail safe or Fail secure, and click Next step.
4 - In the Summary & Backup window, review the information and click Save.

   Note: The Door Contact input and REX input check boxes are selected by default.

© 2021 Johnson Controls. All rights reserved. JOHNSON CONTROLS, TYCO, and KANTECH are trademarks of Johnson Controls.