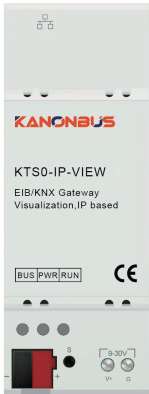


KTS0-IP Functional Gateway

User Manual

- KTS0-IP-VIEW
- KTS0-IP-LOGIC
- KTS0-IP-TCP
- KTS0-IP-ONLINE



1

Safety instructions

- Before installation, please read user manual carefully and observe relevant standards, directives, regulations and instructions.
- Electrical equipment must be installed and programmed by qualified technicians only.
- This device is manufactured according to the relevant technical specifications and have CE.
- For more information of this product, please contact the technical engineer of manufacturer.
- Users are not permitted to alter and maintain the product without the authorization of manufacturer.
- Failure to observe the instructions may cause damage to the device and result in fire or other hazards.

Product Overview

The KTS0-IP Functional Gateway is used to convert Ethernet systems/protocols into the standard KNX protocol. It adopts a rail-mounted installation method, has powerful computing and processing capabilities, and uses industrial-grade chips and design, ensuring stability and reliability. The KTS0-IP Functional Gateway includes the following products:
 KTS0-IP-VIEW: Visualization APP Gateway
 KTS0-IP-LOGIC: Timing/Logic Gateway
 KTS0-IP-TCP: Special TCP Gateway
 KTS0-IP-ONLINE: KNX Device Online Detection Gateway

Product Configuration

- 1) This product adopts the web page programming method. Please use browsers that are not based on the IE kernel for function configuration, such as Firefox, Chrome, etc.
- 2) Login address: 192.168.1.232
- 3) Username: admin
- 4) Password: 123

2

Product Features

- KTS0 - IP - View
 - Supports iPad, iPhone, Android, and Windows systems.
 - There is no limit to the number of APP clients.
 - Has a message - pushing function (for iOS/Android).
 - Supports local/remote configuration and debugging.
 - Supports the control of systems such as lighting, curtains, air - conditioners, floor - heating, and audio - visual systems.
 - Supports an arbitrary number of timing strategies based on weeks/dates.
 - Supports the retrieval of surveillance videos from IP cameras.
 - Supports video intercom based on the standard SIP protocol.
 - Supports permission - based access and custom - defined scene functions (remotely).
 - Supports connection with multiple voice - control platforms (remotely).
 - Allows remote control via WeChat.
 - Supports the KNX IP Router mode.
- KTS0 - IP - LOGIC
 - Supports background timing control.
 - Supports logic control functions.
 - Supports the KNX IP Router mode.
- KTS0 - IP - TCP
 - Supports custom Ethernet protocols or standard Ethernet protocols.
 - Supports the KNX IP Router mode.
- KTS0 - IP - ONLINE
 - Used to detect whether KNX devices are online.

3

Product Selection

Product model		VIEW	LOGIC	TCP	ONLINE
interface	KNX	1	1	1	1
	RJ45	1	1	1	1
function	Cloud-to-Cloud Voice Docking	√	×	×	×
	Standard/TCP custom protocol	×	×	√	×
	Remote function	√	×	×	×
	Logical function	√	√	√	×
	Timing function	√	√	×	×
	Online function	×	×	×	√
	Router function	√	√	√	×
	IOS/Android/Windows Visualization Software	√	×	×	×

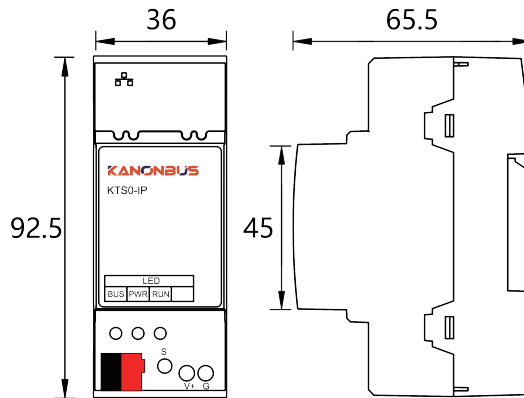
4

Product parameters

Parameter	Types	VIEW/LOGIC/TCP/ONLINE
Product Info		
Dimensions (WxHxT)		36mm×92.5mm×65.5mm
Power Supply		9V~30V DC
Rated power		3W
Type of protection		IP20
Operation		0°C~70°C
Storage		-25°C~70°C
Installation method		Rail-mounted installation
LED indicator light		
POWER		Working indicator light
RUN		Operating indicator light
BUS		KNX system indicator light

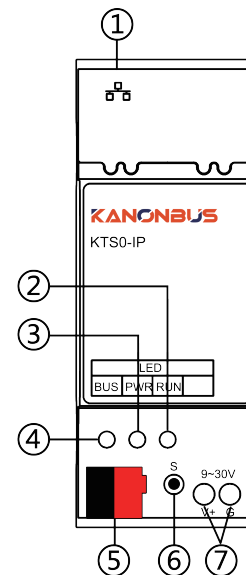
5

Product dimensions



6

Operating instructions



7

Operating instructions

- ① RJ45 network interface
- ② RUN indicator light: After power - on, it stays constantly green. When data is being sent or received, it flashes rapidly in green.
- ③ PWR indicator light: After power - on, it stays constantly orange.
- ④ BUS indicator light: After being connected to the KNX system, it stays constantly red.
- ⑤ KNX bus terminal: It can be connected to the KNX system.
- ⑥ Reset button: Press and hold this button for 6 seconds. When the RUN indicator light flashes rapidly and then stays on again, the device will be restored to its factory settings (including the host IP network parameters, serial port settings, and startup mode).
- ⑦ Auxiliary power supply input terminal: It uses a 9V - 30V DC power supply. V+ is the positive pole and G is the negative pole.

8

Shanghai Kanontec Electronic Technology Co., Ltd
 Room 501, Building 12B, No.1288, Luoning Road
 Baoshan District, Shanghai
<http://www.kanontec.com>
 E: support@kanontec.com
 T: +86-21-56468387