

O6 KNX IP Homekit + IoT

IP IOS Homekit and KNX bus

smartrt

Data sheet

Application area

KNXnet / IP Interface allows telegrams to be transmitted Quickly between different lines over LAN (IP) spine.

In addition, these devices are suitable for connection. To connect IOS Homekit accessory. IP address, static default IP or manual configuration (Spadmin), respectively.



Figure 1 : Photo of device

This device works according to KNXnet / IP specification, device management, tunneling and routing using kernel section. It can connect to IOS Homekit with local network and Cloud.

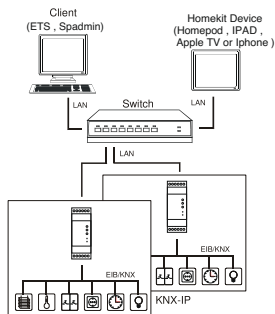


Figure 2 : Typical application 1
(Local Network ETS and Homekit Device)

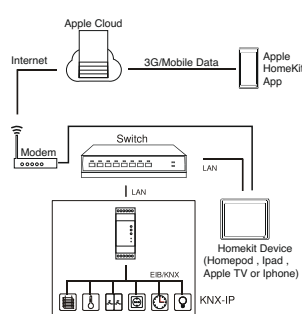


Figure 2 : Typical application 2
(Cloud connection, Apple HomeKit Apps)

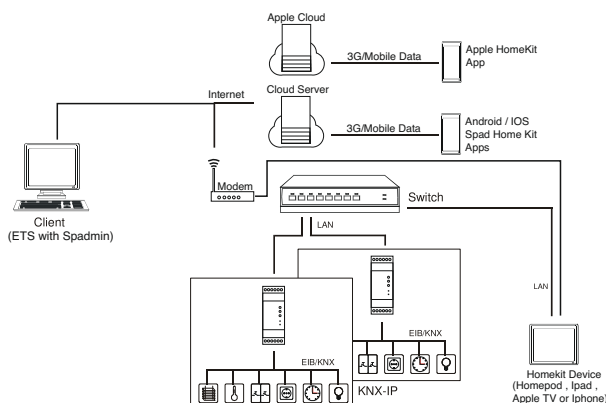


Figure 2 : Typical application 3
(Cloud connection, ETS with Spadmin or Apple HomeKit)

Technical data

Electrical safety

- Protection (according to EN 60529): IP 20
- Safety extra low voltage SELV DC 29 V

According to CE mark

- Low voltage directive 2014/35 / EU
- EMC directive 2014/30 / EU
- RoHS directive 2011/65 / EU (RoHS2)
- EN 50491-3: 2009, EN 50491-5-1: 2010
- EN 50491-5-2: 2010, EN 50491-5-3: 2010
- EN 61000-6-2: 2005
- EN 61000-6-3: 2007 + A1: 2011
- EN 50581: 2012 (RoHS2)

* CE declaration can be requested from info@smartcozum.com.

Environmental Requirements

- Ambient temperature. operating: - 5 ... + 45 ° C
- Ambient temperature. non op: - 25 ... + 70 ° C
- Rel. humidity (non-condensing): 5%... 93%

Mechanical Data

- Housing: Plastic
- DIN rail mounted device, width: 2 units
- Dimensions : 35 x 90 x 59 mm
- Approximate weight. 100 grams

Operational controls

- Learning button for configuration
- Reset Button

Indicators

- Running LED (Red)
- Signal LED (Red) for KNX
- Signal LED (Red) for LAN

Ethernet

- 100BaseT (100Mbit / s)
- Supported internet protocols ARP, ICMP, IGMP, UDP / IP, TCP / IP, DHCP, HTTP, HTTPS, DNS, MDNS, Up to 4 KNXnet / IP Tunneling simultaneously.

Power

- External supply 9-36 V DC
- Power consumption: <800 mW

Connectors

- Screw connector for KNX
- LAN RJ-45 socket
- Screw connector for power supply

