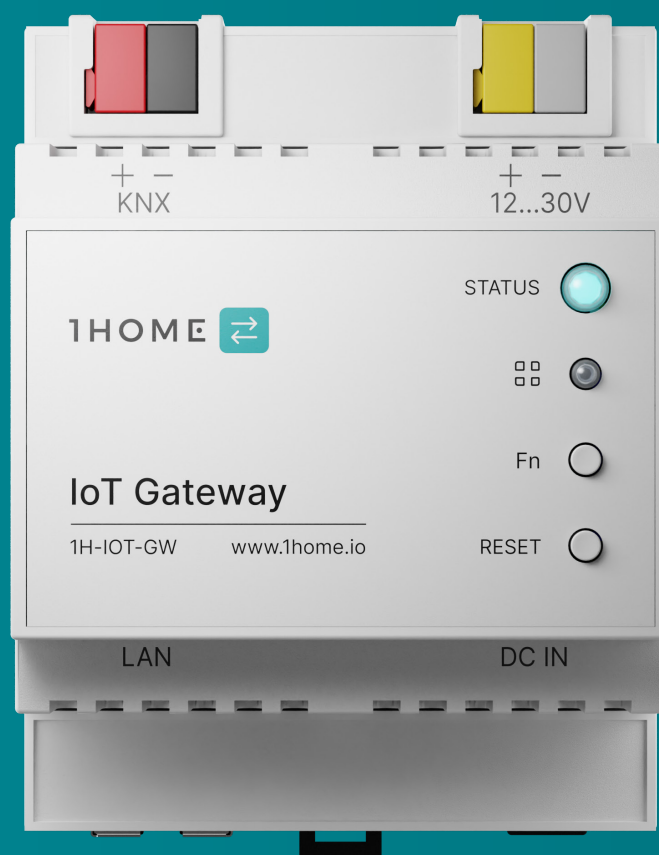


1Home IoT Gateway Datasheet



Assign KNX addresses to IoT devices,
configure them in ETS, and use them like
any other KNX device.

Installation instructions

To get started or learn more about the device, visit 1Home documentation.

Documentation: <https://www.1home.io/docs>

Technical specifications

Hardware

- Processor: Broadcom BCM2711 quad-core Cortex-A72 (ARM v8) 64-bit, up to 1.5 GHz
- Memory: 1 GB LPDDR4
- Storage: on-board 8 GB eMMC (4 GB usable for user storage)

Mechanical data

- Housing
 - Material: Plastic (PPO)
 - UL94 class: V0
- Mounting: DIN (EN 60715) rail, width: 4M (72 mm)
- Weight: approx. 150 g

Power supply

- External power supply: 12...30 VDC / alternative; DC barrel power supply (12 VDC, 1 A)
- Power consumption
 - Typical: 2-3 W @30 VDC
 - Max: 5 W @30 VDC

Controls and indicators

- RGB multi-color status LED
- Multifunctional mono-color red LED
- Multifunctional button
- Reset button

KNX

- Medium: Twisted Pair (KNX TP1-256)
- Interface protocol: cEMI

Environmental requirements

- Ambient temp. operating: -5...+45°C
- Rel. humidity (non-condensing): 5...93%

Network Connectivity

- Gigabit Ethernet LAN (1 Gbit/s)
- IEEE 802.3: 1000BASE-T, 100BASE-TX, 10BASE-T
- IPv4 & IPv6 support
- Supported network protocols ARP, ICMP, ICMPv6, IGMP, UDP/IP, TCP/IP, DHCP, NTP, mDNS, DNS-SD, HTTP
- Up to 4 KNXnet/IP Tunneling connections simultaneously

Connectors

- KNX TP Bus connector (Red / Black)
- Power
 - AUX connector (Yellow / White) for external power supply , or;
 - DC barrel socket
- Ethernet LAN RJ45 socket

CE marking according to

- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU
- EN 55014-1:2017
- EN 61000-4-2:2009
- EN 61000-4-3:2006 + A1:2008 + A2:2010
- EN 61000-4-4:2012
- EN 61000-4-5:2014
- EN 61000-4-6:2014

Packaging specifications

EAN: 3830073770183

WEEE number: DE48929946

Packaging dimensions:

- Product: 12.5 × 13 × 7 cm
- Transport: 13 × 13.5 × 7.5 cm

Included in the box:

- 1Home IoT Gateway
- Welcome card
- Device label (serial No., default credentials)
- Power supply and network cable not included!