TKH180

### WIFI gateway USB key TKP100A

Technische Merkmale

#### Architecture

| | |
|---|---|
| Bus system | USB |

#### Functions

| | |
|---|---|
| Resistance test/diode test | no |
| Integrated ISDN Gateway | no |

#### Configuration

| | |
|---|---|
| Configuration | also suitable for offline mode of the coviva Smartbox |

#### Connectivity

| | |
|---|---|
| Passband | 2.4 GHz |
| WiFi Compatible | yes |
| Radio protocol | IEEE 802.11 n |
| Receiver category | 2 |
| Connection for external antenna | no |

- 64-/128 Bits WEP; WPA; WPA2

#### Voltage

| | |
|---|---|
| Operating voltage | 5 V DC |
| Operating voltage over bus | 30 V DC |

#### Frequency

| | |
|---|---|
| Frequency | 2412 to 2472 Hz |

#### Power

| | |
|---|---|
| Current consumption | max. 250 mA |
| Radio transmission power | < 25 mW |

#### Measurement

| | |
|---|---|
| Relative humidity (without condensation) | 0...65 % (without condensation) |

#### Storage

| | |
|---|---|
| Transmission rate | 150 Mbit/s |

#### Materials

| | |
|---|---|
| Colour independent of design lines | polar white |
| Surface appearance | matt |

**Dimensions**

| | |
|---|---|
| Depth | 26,5 mm |
| Depth of installed product | 24,5 mm |
| Height of installed product | 75,2 mm |
| Width of installed product | 13,8 mm |
| Height | 203 mm |
| Width | 77 mm |

**Connection**

| | |
|---|---|
| Number of radio channel outputs | max. 512 |

**Settings**

- large scope of functions of the KNX radio appliances through parameterisation with ETS

**Equipment**

| | |
|---|---|
| Number of radio channel inputs | max. 512 |
| Fast Ethernet | no |
| Transmitter duty cycle | 1 % |

**Use conditions**

| | |
|---|---|
| Operating temperature | 0…45 °C |

- low intrinsic energy requirement

**Identification**

| | |
|---|---|
| Application, usage | KNX radio - system units |
| Main design line | Electronics platform |

**Instructions**

| | |
|---|---|
| Information text | Caution! |

WLAN sticks of other manufacturers are not compatible with the coviva Smartbox.