

TDS14065

IR-COOKIE



The IR-COOKIE is a very compact AUTOBUS interface with a single IR transmitter to control an air conditioning unit (mainly used for indoor split units) or A/V device. It simulates the IR signals from the air conditioning or A/V remote control. Some devices are factory provided in the PROSOFT-IRDB library. In addition, your personal IR codes can easily be learned by the built-in IR receiver and added to the IRDB library.

APPLICATION

To be used for the integration of an IR controlled air conditioning or A/V device.

CHARACTERISTICS

General

Air conditioning or A/V units which are controlled by IR remote control (with a standard modulation frequency of 38 kHz), can be integrated.

Supported HVAC control functions:

- ON / OFF
- Temperature
- Fan speed (Low / Medium / High)
- Mode (Heat / Cool / Dry / Vent)
- Swing

Supported Audio control functions:

- ON / OFF
- Volume
- Source select
- Play / Previous / Next
- ...

! Remark: In a limited number of cases, IR control may not be possible. Therefore, TELETASK advises to test the compatibility before installation.

IR flasher output

Impedance = 16Ω on 9-12V (=AUTOBUS supply)

Built-in IR receiver

Brand specific IR-codes which are not available in the PROSOFT library can be learned.

SETTINGS

Configuration

IR-code learning and configuration via PROSOFT Suite (V3.6.14 or higher).

AUTOBUS address

Via two rotary switches "Tens" & "units".

Jumper

Terminating jumper (supplied with the interface). To be used when the interface is at the physical end of the AUTOBUS cable.

INSTALLATION

Mounting

In the ceiling or inside a hollow wall (non-condensing ambient), in the immediate neighbourhood of the target device.

IR flasher

The IR flasher is glued on top of the IR receiver of the target device. The supplied IR flasher is equipped with self-adhesive tape.

Supply voltage

12V (supplied by the AUTOBUS - minimum 9V).

CONNECTIONS

AUTOBUS

AUTOBUS connector set (supplied with the interface).

IR flasher output

Both a mini-jack and a spring pressure connector with 2x 0,5-1,5mm² (AWG 20-16) are available. **Only one to be used.** IR flasher with 3m cable and mini-jack connector, is supplied with the interface.

Max. length of IR cable = 75m (0,34mm² when >10m).

POWER CONSUMPTION

AUTOBUS

Max. 80mA (36mA Standby)

DIMENSIONS

42 W x 42 H x 23 D (mm)

NET | GROSS WEIGHT

0,020 kg | 0,065 kg

PACKAGING CONTENT:

TDS14065 interface
IR-flasher with 3m cable and mini-jack connector
AUTOBUS connector set + terminating jumper

STORAGE

Temperature

-20°C to +65°C

Relative humidity

5% to 85%

IP PROTECTION RATE

IP20

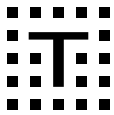
OPERATING RANGE

Temperature

0°C to +50°C max.

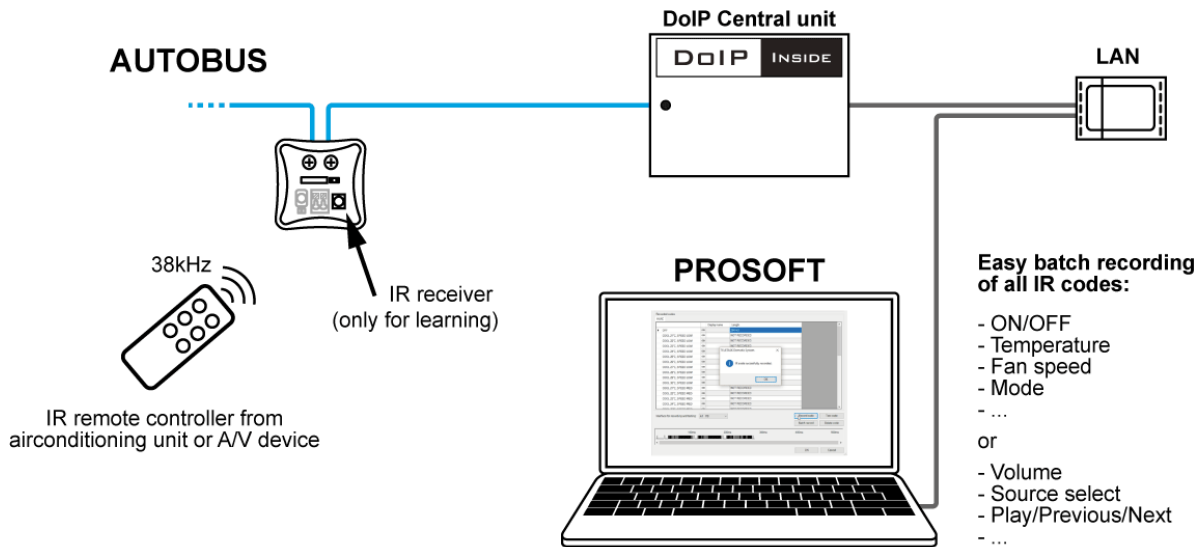
Relative humidity

5% to 85% at 25°C (non-condensing ambient)



SCHEMATIC DRAWING

Learn mode



Installation

