

RASPBERRY PI4[®]

based T4 CONTROLLER

Use our compact
controllers
as platform for your
IoT system solution...



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WHY?

The standard **Raspberry Pi 4[®]** is a very reliable **LINUX[®]** platform. Therefore we put this platform into an industrial grade housing and enriched some features to achieve a cost effective solution for many IoT application. We add a stable 12-48Vdc power supply, up to three serial interfaces and a DIP switch and LEDs for fast configuration and status display into the product.

WHAT?

Our **Raspberry Pi 4[®] IoT Controller** platform **T4** offers an industrial grade controller with three additional serial interfaces **RS232**, **RS485** or **KNX** and optional **CAN** or **CAN-FD**.

RESI-T4-Z IoT controller with **Ethernet**

RESI-T4-A,B,C,D IoT controller with **3 serial interfaces RS232** or **RS485**

RESI-T4-KA,KB,KC IoT controller with **KNX** and **2x RS232** or **RS485**

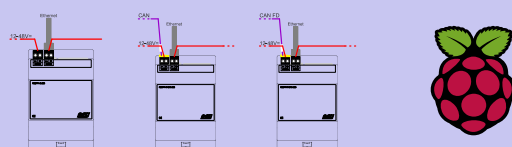
RESI-T4-xxx-CAN IoT controller with **CAN** or **CAN-FD** interface



HOW?

We deliver the controller with preinstalled Raspian **LINUX[®]** preinstalled. Use the controller as a full & versatile IoT controller together with open source software like **NodeJS[®]**, **NodeRED[®]**, **OpenHAB[®]**, **home assistant[®]** or **iobroker[®]**, **MQTT[®]** and many more. Or install **CODESYS[®]** to create a powerful PLC Solution. Or you write your own application based on **LINUX[®]**.

IoT CONTROLLER

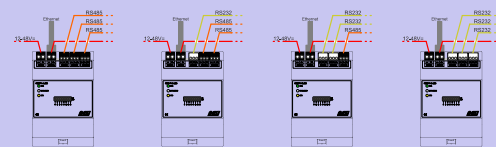


BASE IoT CONTROLLER

RESI-T4-Z-xGB
RESI-T4-Z-CAN-xGB
RESI-T4-Z-CFD-xGB

IoT controller based on Raspberry Pi 4
with 1xEthernet, 2xHDMI, 3xUSB, Audio
Optional CAN or CAN-FD interface

- ✓ Based on Raspberry Pi 4
- ✓ Standard Raspian LINUX preinstalled
- ✓ 2/4/8GB RAM, 32 GB SD CARD
- ✓ 1xEthernet interface
- ✓ 2xUSB 3.0+1xUSB 2.0 interface
- ✓ 2xMicro HDMI for 4k Monitor, 1xAudio
- ✓ Power supply 12-48Vdc
- ✓ Optional CAN or CAN-FD interface

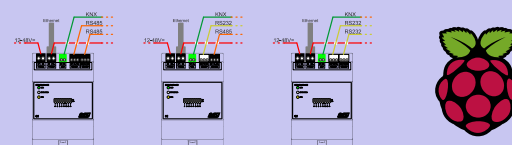


IoT with serial RS232 or RS485

RESI-T4-A,B,C,D-xGB

IoT controller based on Raspberry Pi 4
with three serial interfaces: RS232 or
RS485

- ✓ Based on Raspberry Pi 4
- ✓ Standard Raspian LINUX preinstalled
- ✓ 2/4/8GB RAM, 32 GB SD CARD
- ✓ 1xEthernet interface
- ✓ 2xUSB 3.0+1xUSB 2.0 interface
- ✓ 2xMicro HDMI for 4k Monitor, 1xAudio
- ✓ Power supply 12-48Vdc
- ✓ RESI-T4-A-xGB: 3xRS485
- ✓ RESI-T4-B-xGB: 1xRS232+2xRS485
- ✓ RESI-T4-C-xGB: 2xRS232+1xRS485
- ✓ RESI-T4-D-xGB: 3xRS232

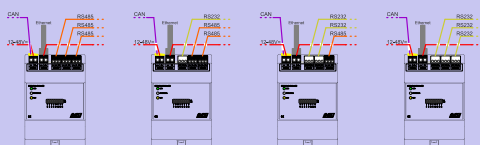


IoT with KNX+RS232/RS485

RESI-T4-KA,KB,KC-xGB

IoT controller based on Raspberry Pi 4
with 1xKNX and 2xRS232 or RS485

- ✓ Like RESI-T4-A-xGB but with:
- ✓ RESI-T4-KA-xGB: 1xKNX, 2xRS485
- ✓ RESI-T4-KB-xGB: 1xKNX, 1xRS232, 1xRS485
- ✓ RESI-T4-KC-xGB: 1xKNX, 2xRS232

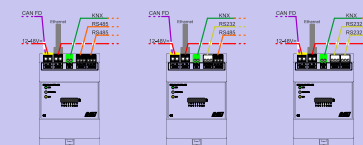


IoT with CAN or CANFD

RESI-T4-A,B,C,D-CAN-xGB
RESI-T4-A,B,C,D-CFD-xGB

IoT controller based on Raspberry Pi 4
with additional CAN or CANFD interface

- ✓ Like RESI-T4-x-xGB with additional:
- ✓ CAN 2.0 interface or
- ✓ CAN-FD interface



IoT with KNX+CAN or CANFD

RESI-T4-KA,KB,KC-CAN-xGB
RESI-T4-KA,KB,KC-CFD-xGB

KNX IoT controller based on Raspberry
Pi 4 with additional CAN or CANFD
interface

- ✓ Like RESI-T4-Kx-xGB with additional:
- ✓ CAN 2.0 interface or
- ✓ CAN-FD interface

INTERESTED?

Contact our sales by email sales@RESI.cc or give us a call +43-316-262062-0

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