

## KAllink-IP

### The driver for KNXnet/IP

„ The efficient way to connect to KNX.“

KAllink-IP is an approach of handling KNX devices over KNXnet/IP with Ethernet as medium.

KAllink-IP is an extension to KAlstack the Tapko KNX communication stack, for integrating the KNX protocol on top of Internet Protocol (IP) network.

KAllink-IP within KAlstack enables the made-to-measure development of routers and KNXnet/IP end devices.

KNX devices connected to an IP network may use the network for:

- Remote configuration
- Remote operation (including control and visualization)
- Fast backbone for KNX installations

KAllink-IP is implemented in portable ANSI C. It is easily possible to combine the KNXnet/IP core and the abstraction layer with a C++ environment for convenient use.

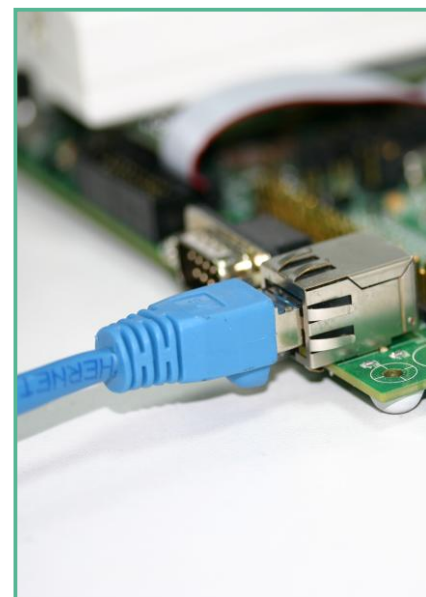
KAllink-IP on top of an operating system has a layered structure and provides platform specific interfaces. The KAllink-IP implementation makes intensive use of the Platform Abstraction Layer (“PAL”). The PAL encapsulates system services for platform independent use in KAllink-IP.



## Connection to the whole world

## Features

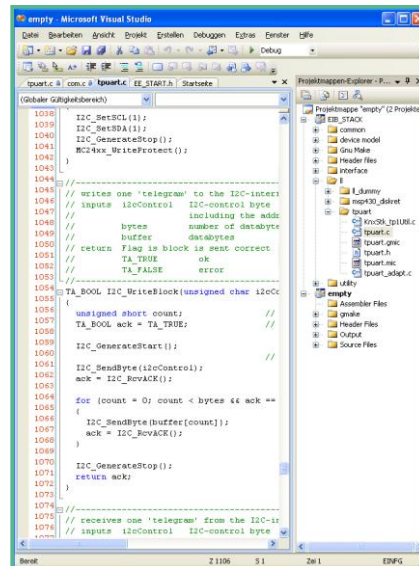
- Runs on various platforms
- Tunneling and routing connection
- KNXnet/IP device management
- KNXnet/IP discovery
- For router and KNXnet/IP end devices



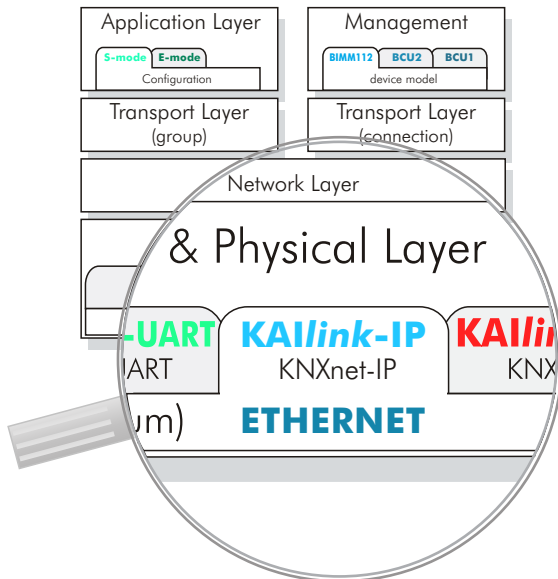
## Features

### General

- Structure according to ISO/OSI-model
- Standard ANSI-C
- Supports tunneling and routing
- Development board available
- Adaptable to various operating systems
- KNX certified
- Platform Abstraction Layer PAL for encapsulating system services
- Based on standard IP stacks



## Architecture



KAIlink-IP is the driver software for the IP physical layer. It is a component of KAI (KNX Advanced Interface) for KNX enabled bus devices.

005.002 E

The data contained herein are subject of change without notice.



Yorckstrasse 22, 93049 Regensburg

+49 941 307470 +49 941 30747 29

@info@tapko.de

www.tapko.de