

# EIB Gateway CTG-IP/KNX



The CTG-IP/KNX links a EIB-System and a media control system. To control a EIB-system, data must be sent in a special protocol. This protocol is hardware oriented and therefore through software based systems feasible just with high effort. The CTG-IP/KNX solves this problem! It enables the control system to communicate with the EIB system.

The telegrams of the EIB bus-line are offered to the gateway CTG-IP/KNX. The gateway filters the requested information and provides it for the connected controller.

The software module CTEIB8 (available for download) manages all ingoing information, and passes them on edited to the main program of the AMX Controller. In the opposite direction this program manages the ingoing data of the main program (e.g. touch panel commands) and changes them, so that the EIB-Gateway (CTG-IP/KNX) can distribute them as EIB-telegrams (see block diagram below).

The processing, calculation and analysis of the data between the EIB-gateway and the controlling system is made by the software module CTEIB8, which communicates with the gateway directly over a TCP/IP (Ethernet) interface.

The open ASCII control protocol allows other control systems to create their own driver.

## Features

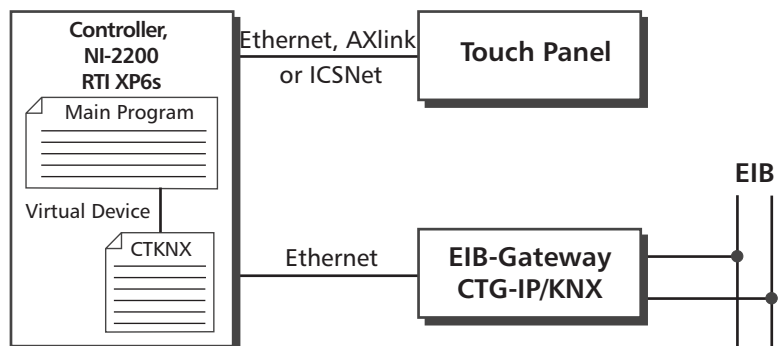
- All EIB data types up to 4 Byte length
- (Switch, Dim4, 1Byte, 2Byte, 3Byte, 4Byte)
- EIB-feedback will be analysed
- priority of sending over feedback
- direct connection to the EIB
- 10 Mbit Ethernet interface
- DIN rail mount
- CE certified / conform to RoHS
- Open ASCII control protocol

## Architectural specifications

The architectural specifications are available at [www.comm-tec.de](http://www.comm-tec.de).

**Type: CTG-IP/KNX**

## Control Systems



**EIB Gateway CTG-IP/KNX**

<b>Type</b>	CTG-IP/KNX
<b>Name</b>	KNX Gateway
<b>Cat.-No.</b>	532001
<b>Communication</b>	Ethernet (RJ45) , interface 10/100 MBit, Autosense
<b>EIB connection</b>	Standard bus-cleat
<b>Display LEDs</b>	operating, bus-voltage, bus-telegram, programming modus; signalling of TCP/IP connection and activity
<b>Buttons</b>	EIB programming button, reset button
<b>Power Supply</b>	100-240 VAC, 25mA cleat port
<b>Dimensions (W x H x D) in mm</b>	107 x 90 x 60 mm
<b>Weight</b>	0,350 kg
<b>Colour</b>	light grey
<b>Requested accesories</b>	TCP/IP interface Ethernet connection cable cable for power supply
<b>Delivery</b>	CTG-IP/KNX Standard bus-cleat

Specifications are subject to change without notice. Mechanical dimensions may vary.