

Product: ComBridge Net Communication Interface (NCI)
Product line: KNXnet/IP Interface
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KNX-APD: Appl-3622-NCI-07-0110-en
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KNX ComBridge NCI Net Communication Interface

Description

The ComBridge Net Communication Interface (NCI) is an interface to connect a EIB/KNX installation with a TCP/IP-network.

The device supports two connection types:
The KNXnet/IP tunnelling connection is used in connection with the ETS3 to program KNX devices via the TCP/IP network.

By using the Scan function in the ETS, KNXnet/IP devices can be easily found and installed on the network. Afterwards KNX devices can be programmed via the KNXnet/IP Protocol. With the correct network settings, the programming of KNX devices is also possible via the Internet.

The KNXnet/IP object server connection makes an active KNXnet/IP tunneling connection and the visualisation of a KNX installation possible at the same time.

In connection with the visualisation software ComBridge Studio Suite, a range of tasks can be performed and a web-based status display is possible.

The ComBridge NCI is the most cost-effective interface for programming and visualisation tasks.

Related products:

ComBridge Studio Suite (CBSS)
ComBridge Web Communication Interface (WCI)
ComBridge Multi Control Gateway (MCG)
ComBridge Router (R)

Applications, manuals and descriptions are available in our Customer Center under www.ipas-products.com.



Application

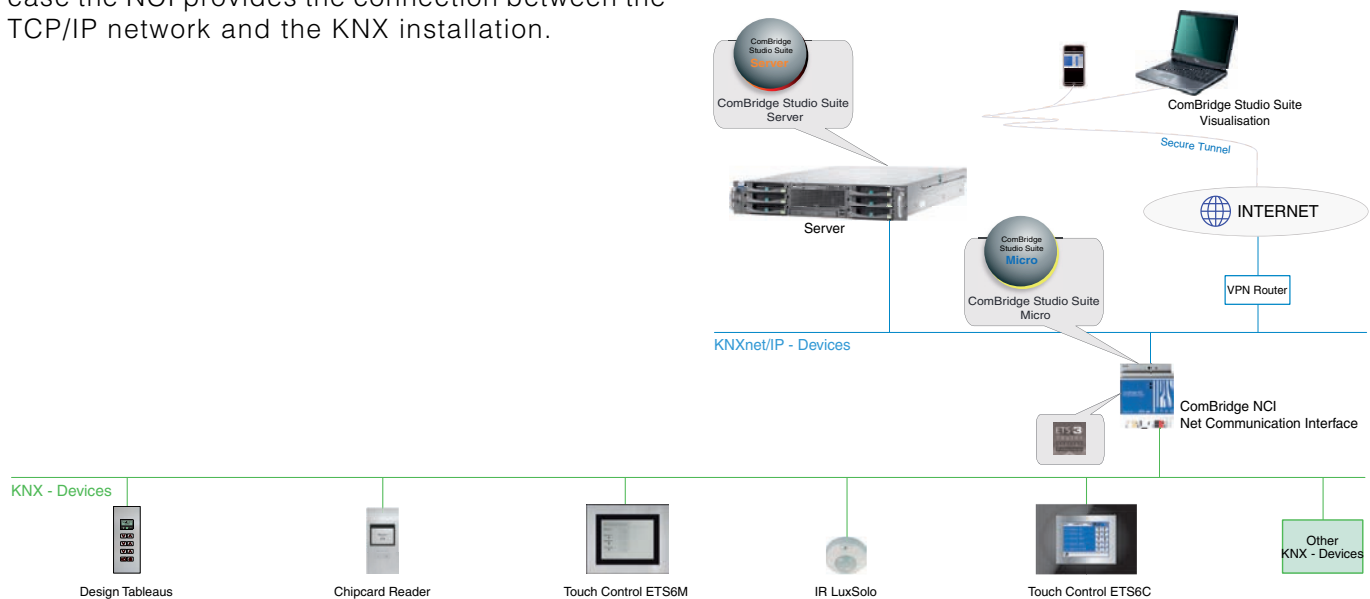
The NCI is primarily a KNXnet/IP interface to program KNX devices.

Together with the ETS3, advantages such as for example the Wireless LAN connection in a TCP network, can be used to perform programming tasks easily. Thereby the NCI also enables the programming of KNX devices via the Internet.

The second type of connection, the object server connection, can be used in parallel with the tunneling connection for visualisation tasks. In this case the NCI provides the connection between the TCP/IP network and the KNX installation.

The visualisation software IPAS ComBridge Studio Suite uses the object server connection to display the status of the KNX system or to perform actions on the bus.

The two types of connection, tunneling connection and object server connection, are typical of IPAS KNXnet/IP interfaces.



Specifications: ComBridge NCI

Connectors:	Bus line: Bus coupler KNX, Voltage coupler: 12 to 30V AC/DC, RJ45 socket for Ethernet
Dimensions:	Wide: 70 mm, High: 55 mm, Installation depth: 86 mm
Weight:	150 g
Casing:	REG case 4TE for 35mm DIN rail mounting 35mm
Power Supply:	KNX plus external 12 to 30V AC/DC
Protection type:	IP20 according EN 60529, Din VDE 0470
Class:	I according IEC 1140

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