

Use of the application program

Product family:	Communication
Product type:	Gateways
Manufacturer:	IPAS GmbH

 Name:
 3622-NetInterface-01-0120

 Order number:
 3622-141-07-0B

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Functions

The ComBridge Net Communication Interface offers an easy and comfortable opportunity to parameter the KNX installation with ETS (KNXnet/IP tunnel protocol). There are up to 5 tunnel connections supported. Client software products, such as ETS or visualizations,

which are based on the KNXnet/IP tunnel protocol, can connect to the ComBridge NCI interface.

Using the tunnel connection

Use the IP network for a direct connection between a PC and the device.

Please remember that each tunnel connection has its own physical address which can be set with the ETS. This address must not yet exist in the KNX system. In the ETS 5 and ETS application 1.2 all tunnel connections with the corresponding phy. Address displayed in the ETS and can be assigned easily:



Tip: Please see the website <u>http://<ip></u> for an overview of already assigned addresses for the tunnels.

No	Current KNX	net/IP Connections
1	1.6.2	not connected
	1.6.3	not connected
		not connected
		not connected not connected

ETS configuration

The ETS configuration is used for principal device settings.

Device Name Setting

The device name, which is also displayed during the automatic search for KNXnet/IP devices, is also configured in the ETS properties:

Propertie	25			>
<u></u>			1	
Settings	IP	Comments	Information	
Name				
ComBridge NC	I			
Individual Add	ress			
		1.5	1 🌲 Par	k

Name	ComBridge NCI	
The name of can be identif	the device is set via this parameter so that it	

IP Settings

. . . .

The IP settings are done by standard ETS IP panel:

En Flopen	25		
Settings	IP	Comments	(1) Information
 Obtain an II Use a static 	P address autom	atically	
MAC Address			
Unknown			
Multicast Add	ress		
224.0.23.22			



IP address allocation	Use a static IP address	
	Obtain an IP Address	
	automatically (DHCP)	
	, , ,	
The ComBridge NCI can be a	llocated to either a fixed IP	
addross or to a dynamic addr	nocated to either a fixed fi	
	assigned by a	
DHCP-Server.		
By selecting static IP address:		
Properties		
Settings IP Comments	Information	
Obtain an IR address automatically		
Use a static IP address		
IP Address		
255.255.255.255		
Subnet Mask		
255.255.255.255		
Default Gateway		
255.255.255.255		
MACAddaaa		
MAC Address		
UNKIOWIT		
Multicast Address		
224.0.23.22		
IP address	255 255 255 255	
IP address	255.255.255.255	
IP address	255.255.255.255	
IP address	255.255.255.255	
IP address Here the standard IP address	255.255.255.255 of the ComBridge NCI is pre-	
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A fixed IP address is recommended if a server is used as the visualization server, so that it can always be contacted.

Parameter

Enable Webserver	no	
	yes	
The ComBridge NCI Webserver is by default disabled. By using the parameter the Webserver can be activated.		
Enable Firmware Update Communication	no yes	
This option has to be enabled to allow firmware update! Take care, due to security reasons, that this option is disabled again after firmware update has been executed.		

Disclaimer for Cyber Security

To protect systems, systems, machines and networks against online threats, it is necessary to implement a holistic, state-of-the-art security concept and to always keep it up to date.

You are responsible for preventing unauthorized access to your equipment, systems, machines and networks. These should only be connected to a network or the Internet if and as far as the connection is required and if adequate security precautions (eg firewalls or network segmentation) are available. In addition, the safety recommendations of IPAS GmbH must be observed. For more information, please contact your contact person at IPAS GmbH or visit our website.

IPAS GmbH strongly recommends that you use updates as soon as they become available, and always use the latest versions. Using versions that are no longer supported or using the latest updates may increase your risk of online threats. IPAS GmbH strongly recommends following safety recommendations on the latest security threats, patches and related measures.

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