

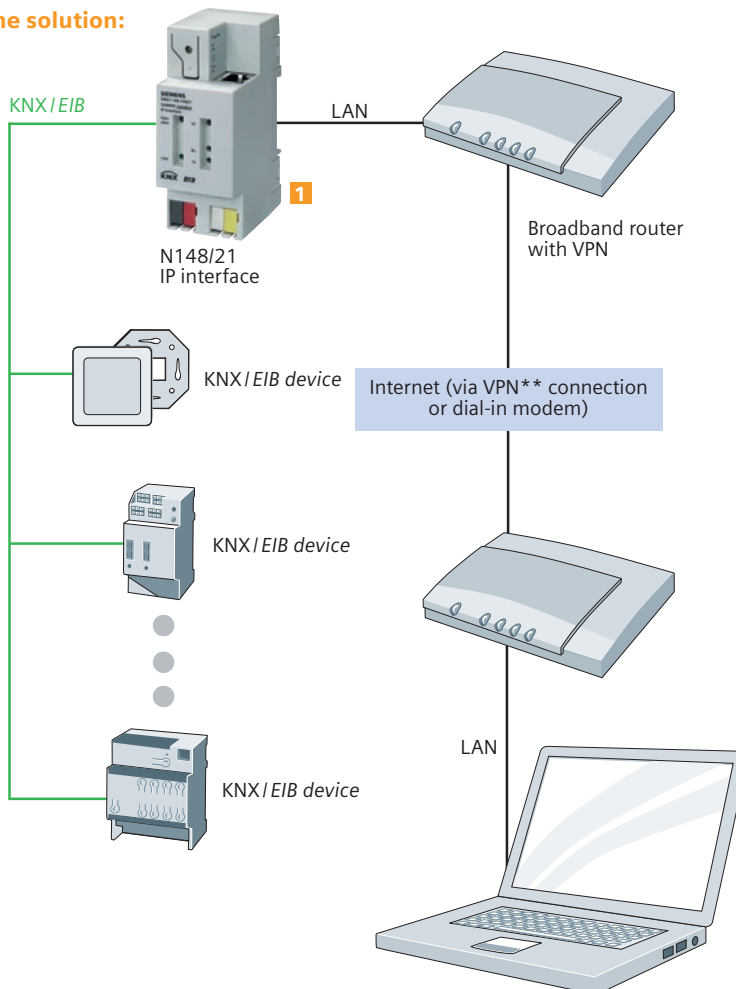
GAMMA practical tips

Easy editing with remote access

Change requests when the building is nearing completion or soon after the occupant moves in – for instance, for shorter or longer lighting periods – are a feature of almost any project. In the past, this has meant fixing a date with the customer, traveling to the project site, altering the parameters, and returning to base. These changes can now be implemented from the comfort of your office: with a LAN*/Internet connection, remote parameterization is both straightforward and efficient. Most buildings already avail of a LAN and an Internet access – the basic prerequisites for global connectivity. Since your location is then outside the building, data security has to be guaranteed with a VPN** -capable broadband router.

In addition to saving time and money, your customers are treated to an impressive demonstration of the flexibility they expect from a system like GAMMA *instabus*.

The solution:



Practical tip No. 4

The benefit for you:

- Parameters can be easily edited by remote access
- Remote access saves journey times and costs
- Data security is guaranteed

*LAN

LAN is the abbreviation for Local Area Network. Data transport in a LAN is based on IP – the standard network protocol employed on the Internet.

**VPN

VPN (Virtual Private Network) allows a secure subnet, in which communication is tightly shielded from interception or access by unauthorized users, to be established over an open, unprotected network (Internet, radio). This is achieved by "tunneling" data traffic via a VPN server, which requires authentication of all connection setup attempts, and simultaneously encrypting the data.

What to do:

- Connect the N148/21 IP interface to the KNX / EIB
- Connect the IP interface to the LAN
- Connect broadband with VPN to the LAN
- Assign an IP address to the IP interface
- Use a VPN connection for access if necessary

What you need:

- N148/21 IP interfaces (1x per project)
- 24 V power supply for N148/21 IP interface (possibly drawn from the KNX / EIB power supply)
- ETS3.0c (KNX / EIB commissioning software)
- Broadband router with VPN

Ordering data

Product	Order No.
 N148/21 IP interface	5WG1 148-1AB21

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