



Berker the right way.

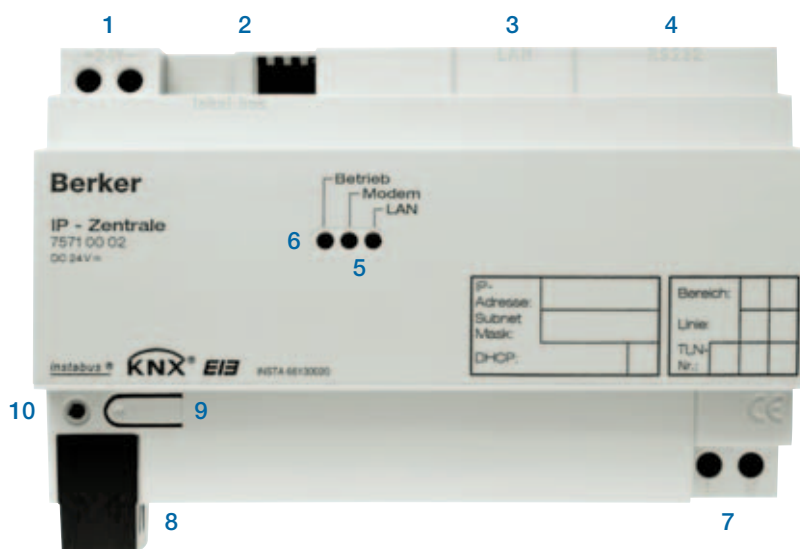
WORLDWIDE · CENTRAL · SIMPLE

THE IP CENTRAL UNIT RMD – A SERVER AS CENTRAL CONTROLLING, SIGNALLING AND MONITORING UNIT FOR THE MANAGEMENT OF ALL BUILDING FUNCTIONS!

The central coordination and management of the functions of large building complexes or also decentralised (corporate) infrastructures is a challenge that the IP central unit successfully takes on. This 'management centre' brings together all the information of intelligent and complex building system technology into 'organised' channels and offers ...

- more integration options,
- more independence, as well as
- more comfort ...

... while being cost-effective and easy to install!



LEGEND

1. External power supply unit (24 V DC)
2. Connections for »local bus« (for future applications)
3. LAN connection, RJ 45 port (Ethernet)
4. 9-pin Sub-D plug (external modem)
5. Yellow LED: modem/LAN
6. Green LED: operation
7. a/b trigger input (for analogue telephone connection)
8. EIB bus connection
9. Programming button
10. Red LED: programming/malfunction

TECHNICAL DATA

External power supply:	24 V DC SELV (21–32 V DC)	- Serial RS-232:	SUB-D plug, 9-pin
Power consumption:	approx. 3 W		external (»local bus«): plug, 4-pin
Connections:			internal (»local bus«): plug connector, 6-pin
- EIB:	via terminal connection	Protection class:	IP 20, EN 60529
- a/b trigger input and 24V:	0,5-4 mm ² single/stranded without cable-end sleeve	Ambient temperature:	-5 to +45 °C
	0,5-2,5 mm ² stranded with cable-end sleeve	Storage/transport temperature:	-25 to +70 °C
- Ethernet/LAN:	RJ45-jack (10/100 MBit/s fast Ethernet)	Installation:	on DIN rail 35 mm, EN 50022
		Dimensions:	144 x 90 x 61 mm, 8 modules

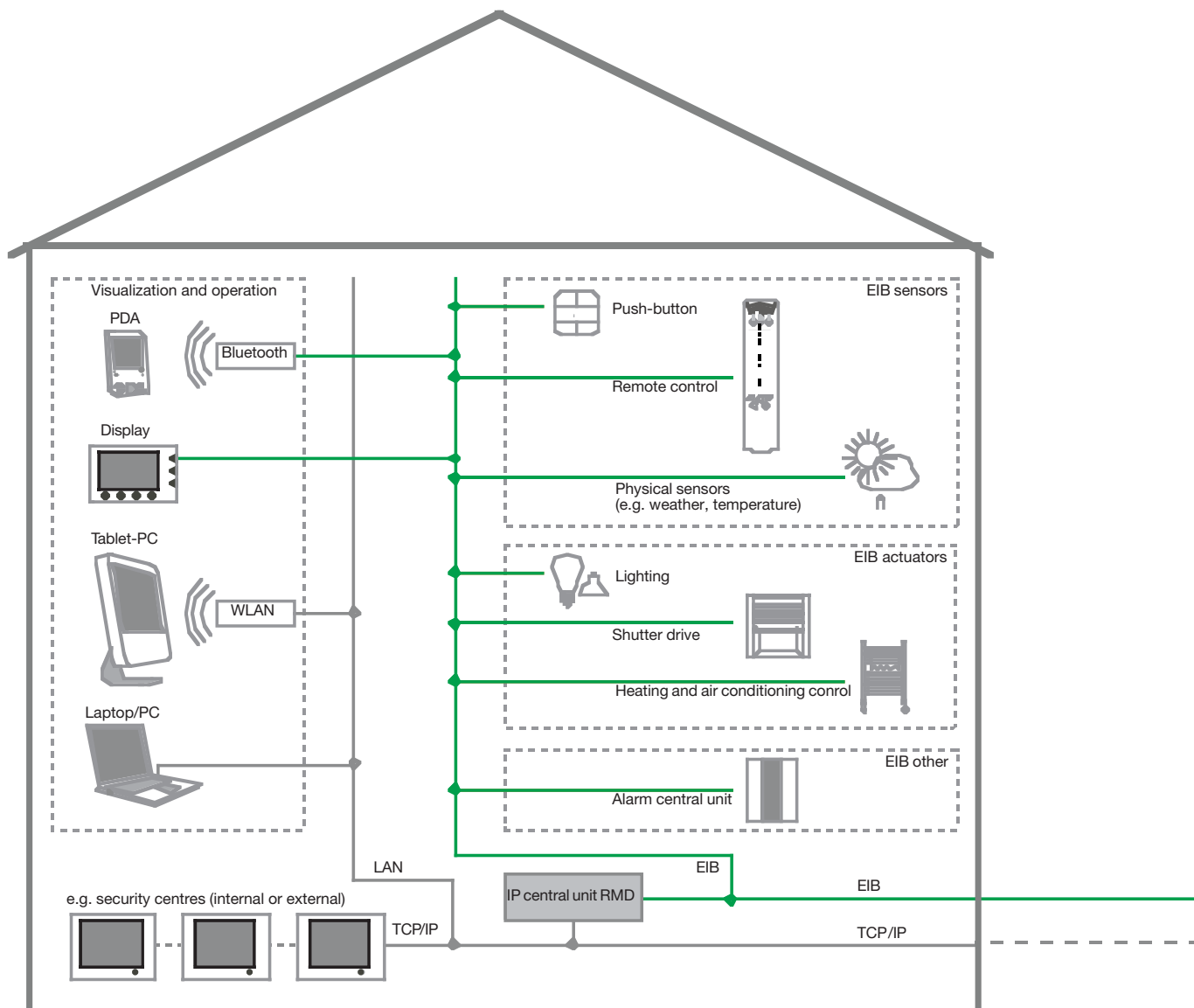
IP CENTRAL UNIT, OVERVIEW

The unified linking of local and worldwide data and communication networks has also opened up new ways for building system technology which are featured in the IP central unit.

INTEGRATION

The IP central unit serves as a server, which on the one hand, bundles all building functions with centralised controlling, signalling, and monitoring properties, and on the other hand, integrates the instabus EIB system into existing data and communication networks such as Ethernet (via LAN) or Internet (via DSL or modem) (see figure below). That also includes the use of access authorisations and security structures.

Thus the IP central unit has all the requirements for easy to use, efficient, and secure management of functions for complex building installations.



INDEPENDENCE

In addition to the ordinary, stationary EIB visualizations, such as displays, the functions of both individual buildings as well as multiple, decentralised, localised landed properties can be displayed at any location on a (mobile) PC – monitored and controlled around the clock, as long as there is at least one IP central unit at each location.

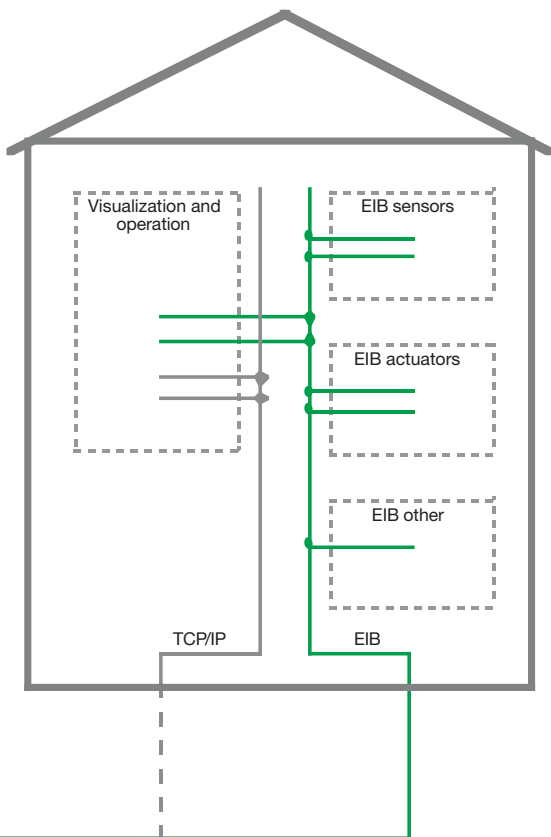
COMFORT

Additional software is not required. The operator uses the familiar user-friendly interface of Internet Explorer. Five visually-attractive areas of application can be seen here. The IP central unit can also send malfunctions and status messages per e-mail.

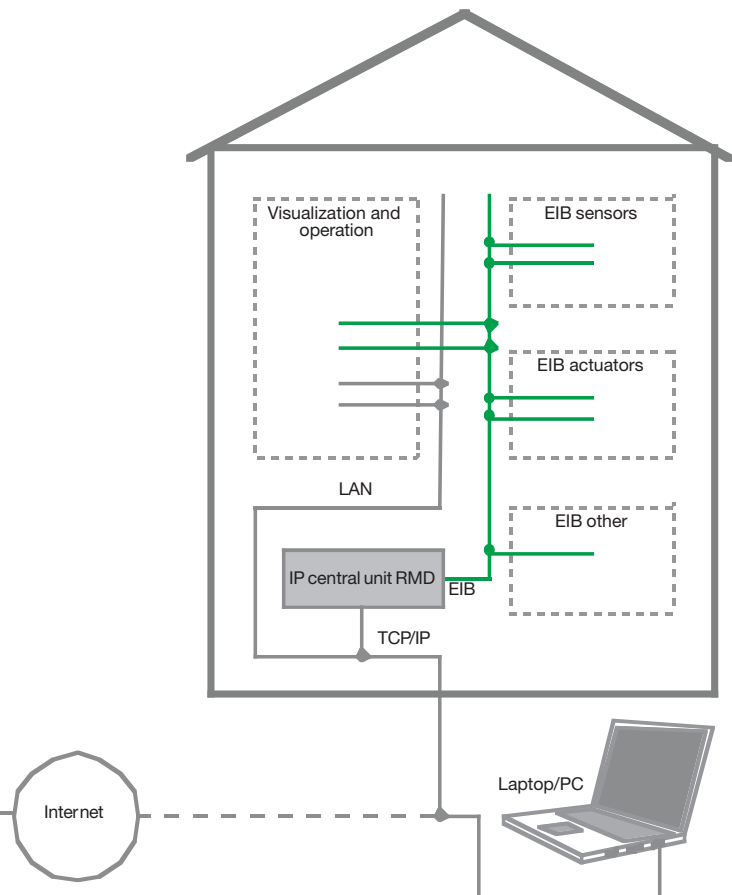
COST-EFFECTIVE AND SIMPLE

Not only the relatively low purchase cost makes the IP central unit a worthwhile alternative to a traditional type of server. It is also maintenance-free and as a compact rail mounted device, it can be integrated into the EIB sub-distribution requiring very little space.

Building connected locally to IP central unit



Networking with decentralised infrastructure



IP CONTROL CENTRE, DETAILS

BASIC FUNCTIONS

- Software plug-in for ETS2 and ETS3
- Definition of functions for:
 - rooms (maximum of 16 can be structured for the browser interface) and
 - individual crafts (functions) in the room (can be configured according to user definition)
- Up to 250 incoming group addresses and as many outgoing group addresses as desired
- Support of nearly all object types (EIS), for a total of 512 objects
- Setting of maximum 64 logic gates for linking object values (AND, OR, XOR logic and time functions, additional lock object)
- Status messages when monitoring through limit value module

USER INTERFACE

(for operating systems as of Windows 2000 with Internet Explorer as of Version 5.5)

- Building operation and visualization
 - Organisation according to rooms and crafts (functions)
 - Creating a favourite page
- Time planner
 - 8 day/week profiles with eight adjustable times each (also a standard daily profile)
 - 16 actions can be performed at each time
 - Astro function for lighting, shutter or ventilation
 - Day profiles can be copied into following year
- Simulation of presence of a person
 - 6 times (a total of 32 functions) can be configured which can vary by ± 90 min per random calculation
 - Manual or timer-controlled calling up
- Scenes
 - Up to 32 scenes can be configured by end user
 - Up to 32 participants per scene from different crafts (e.g. light, shutter, heating)
 - Manual call up (browser interface) or up to 8 extension units per scene
- Event indicator
 - 32 Event programs available
 - Send event messages (e.g. malfunctions/status messages) to self-configurable e-mail addresses (timer or condition-controlled)

ORDER NUMBER

7571 00 02

BERKER THE RIGHT WAY.

Do you know how you can make living spaces more comfortable and individual? At Berker, we have been working on this since 1919 – and in the meantime, have found many interesting answers.

Switches and systems from Berker are used around the world to make things more beautiful, simple, and comfortable for people. We do this by making quality, design, and innovation a high priority. Numerous awards attest to this, both domestically and abroad.

Berker is a leading provider of high-quality electrical installations – from timeless, classic switch design to intelligent building system technology. Every development is oriented to one thing: our customers. After all, you should be enjoying our products for decades.

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Berker Switches and Systems

Berker GmbH & Co. KG
Klagebach 38, 58579 Schalksmühle/Germany
Telephone + 49 (0) 23 55/9 05-0, Fax + 49 (0) 23 55/9 05-1 12
export@berker.com
www.berker.com

Order no. 0300 50