



IP500® Development Kit R3

IP500® Alliance
an open, secure and vendor-neutral
wireless platform for
commercial and industrial buildings



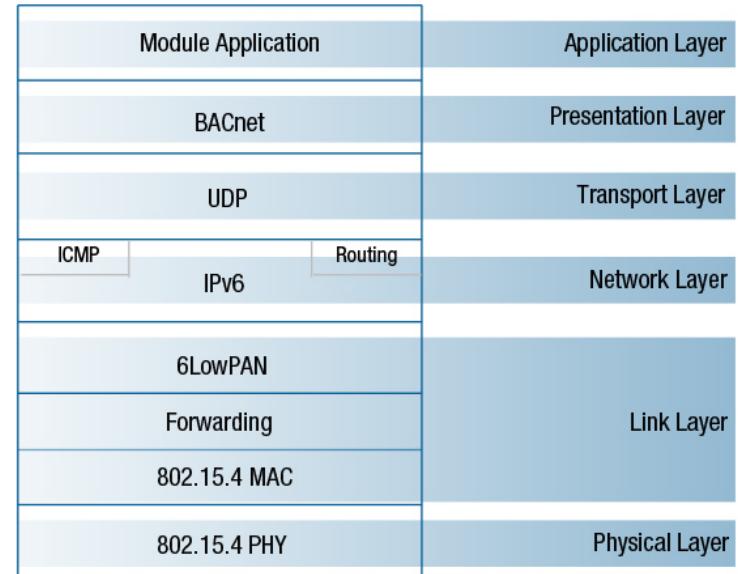
The CNX - IP500® Development Kit R3

provides all that is needed for System Developers to integrate their Smart Building products into an IP500® network.

Learn how easy it is to control and communicate with sensors and actors via a graphical web interface.
In less than 10 minutes you can have a full- functioned demo IP500® network set up in your environment. Simply power on the Netbook, place the DK boards and power them on, and in a few moments, you can try out the board features.

The cnx200 module mounted on the full-featured Development Boards provides the basis for rolling out an IP500® network. A Development Demo is provided as a framework for building your own applications for your own IP500® compliant devices.

Protokoll Stack



key features of the technology

- multiple time longer battery life time of end - nodes
- most robust and secure mesh connectivity in commercial buildings
- scalable range and mesh topology / size of network
- support safety / security and mobile & comfort applications

To place in order for the product, please
call +49 (0)30 243 38146 CET during regular business hours or contact us via e-mail at sales@corenetix.com



IP500® Development Kit R3

CoreNetiX GmbH

CoreNetiX is a partner of the IP500 Alliance and provides highly efficient IP (Internet Protocol) based wireless intelligent network stacks on top of cutting-edge design solutions for Radio Chips.

We enable highest performance of the wireless link and scalability of a sensor network by incorporating and synchronizing applications protocols with IP based network stack functions and the Radio Chip design features. In addition, CoreNetiX integrates networking software into existing OEM hardware and also provides Engineering Services.



Components of the CNX200 Development Kit Component

	Qty	Description
868MHz antenna	4	Antenna attached to the CNX200 Development Board and the GW250 gateway.
2.4 GHz antenna	4	Antenna attached to the CNX200 Development Board and the GW250 gateway.
CNX200 Development Board	3	Includes the CNX200 RF module which incorporates all required functionality to connect and communicate via IP500® enabled devices. It also includes a USB connector, as well as programmable digital input/output and analogue input (see 'Figure 10').
Documentation set	1	Quick Start Guide for the CNX200 Development Kit in printed form.
Ethernet cable	1	Ethernet LAN cable, RJ45, minimal 10/100 Mbits/s
GW250 gateway	1	Provides the IP500® wireless network management functionality and web service for monitoring the network status of each IP500® device (see 'Figure 2').
Memory stick	1	Includes product documentation and tutorial software.
Power supply	1	5V, 1.2A DC output power supply for GW250 gateway
USB cable	3	USB A/Mini B cable to connect the CNX200 Development Board to a PC
USB to TTL serial converter cable	1	Serial converter cable to connect the serial port of the GW250 gateway to a PC
USB dongle	1	Leave the dongle inserted at the USB connector at the front of the GW250 gateway

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