

ALLNET ALL3505 / IP Homeautomation Appliance DIN-Rail 8x I2C

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EAN CODE



IP Buildingautomation Appliance for the DIN rail

The economical entry into the building automation

The ALLNET ALL3505 Buildingautomation Appliance provides a solid and cost-effective platform for the implementation of control solutions based on measured data.

As the model ALL3500 based the ALL3505 on the new ALL5002 CPU board and a GNU / Linux firmware.

Thus it is open to your own applications and all additional modules ALL3000/4000/5000 series can be operated with the ALL3505 central unit. The ALL3505 can be conveniently read from anywhere via web interface, configure and operate. The integrated XML interface allows for easy integration into complex installations or proprietary software products for controlling and monitoring.

Controlling, measurement, regulation via network, Internet and Smartphone

Application examples:

- Temperature monitoring in HACCP or alarm scenarios, as well as depending of alarm detection circuits
- Climate control of a room by monitoring temperature and humidity, as well as needs-based control of heating and humidification.
- Recognition of a crisis in mission critical areas and turn of alarms if you smell gas, flooding, smoke, etc.

- Time-and humidity-controlled garden irrigation
- Consumption-based circuit using external sensors such as ALL4950 power meter module
- **SNMP Modul**

Compact, powerful, economical

The right platform for your building automation application

We are succeed in integrating a lot of functionality in a compact and cost-saving design in the ALL3505. This saves space and cost, yet delivers impressive functionality. 8 sensor ports and Contact interfaces are available. Thus the ALL3505 is extremely versatile.

Sensors, actuators and switches

A wide productrange allows complex application

The ALL3505 central unit has eight ports for connecting external sensors and actuators. In addition, relays and contact modules can be connected, for example, can be used for connecting switches, or buttons for switching any loads.

Thus, ambient conditions such as temperature, humidity, air pressure, and much more can capture, share and process, as well

as switching processes via actuators or relays. This can be performed manually, time-controlled or depending of the detected values.

Connectivity

With Ethernet and built-in WLAN easily accessible

The ALL3505 central unit is accessed via an IP address in the TCP / IP network. The values can be accessed via the web browser directly from the device, processed or sent periodically via email. An integrated XML interface is used for data retrieval and control via the Internet, bringing the ALL3505 can be integrated into an overall control solution.

I2C-Bus

Use existing cable networks to connect sensors

To connect the measurement and control modules to the central units all ALLNET building automation products use a simple network cable (RJ45 connector, Cat. 5). For this purpose, an existing wired network such as the own network or phone wiring can be used. The maximum cable length between the central unit and module can be up to 100 meters. Here the modules are supplied with voltage by the CPU. A separate power source for each module is not necessary.

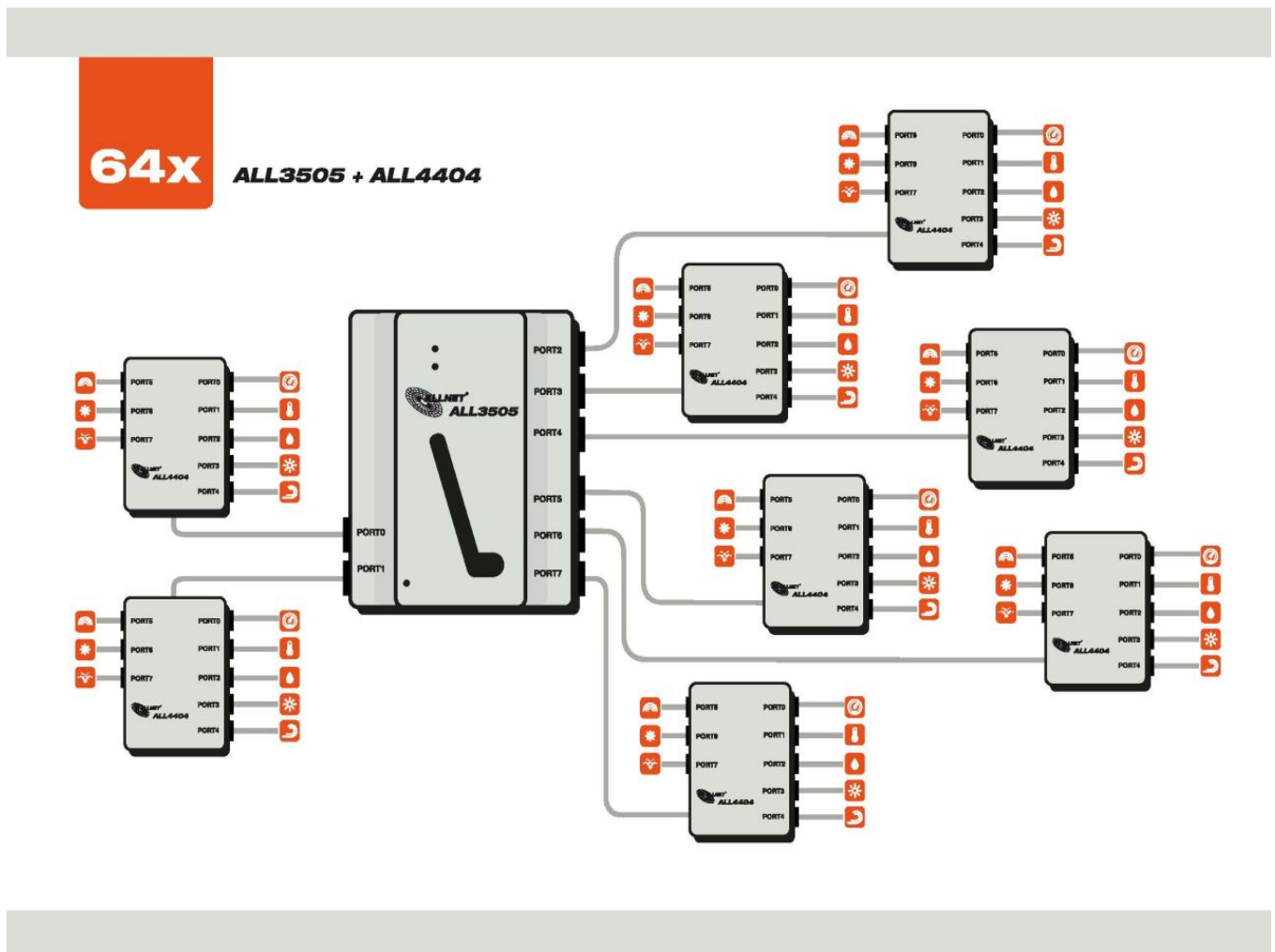
USB Port

Integrate external radio technologies

External sensors / actuators can for example be connected via a separate wireless USB stick with the ALL3505. The ALL3505 can recognize and process these sensors. The following technologies / manufacturers are already integrated in the ALL3505:

- Plugwise
- EnOcean

Maximum number of sensors per ALL3505:



Technical Details:

Element	Specification
Interfaces:	8x RJ45 sensor modules



Network Interfaces:	1x RJ45 10/100Mbps
Wireless LAN:	Ralink RT3352 Chipset 2,4 GHz Wireless N Safety: WEP 64/128bit, WPA, WPA2
Supported Standards:	IEEE 802.3 IEEE 802.3u IEEE 802.11b/g/n
Additional Interfaces:	1x USB 2.0 1x Console
Power supply:	100~240 VAC, 50/60 Hz, extern power supply
Power consumption:	<5 watt maximum
Housing:	PC/ABS housing DIN rail
Environment:	Temperature operating: 0 ~ 40 °C Humidity operating: 10% ~ 85% (non-condensing) Temperature storage: -10 ~ 60 °C Humidity storage: 5% ~ 90% (non-condensing)
Mark:	CE, RoHS
Dimension:	106 x 90 x 60 mm (L x W x H)
Weight:	300 grams (device incl. WLAN antenna and ALL3006 sensor)
Package content:	- ALLNET ALL3500 - ALLNET ALL3006 temperature sensor - WLAN Antenna - manual

Accessories

Part No.	Name
210354	ALLNET PoE Splitter-Mini/Extractor / Gigabit / 24W / 5V/12V Switchable / ALL-PS102G-AF-AT
158563	Mean Well power supply - 12V 24W DIN rail
139521	Mean Well power supply - 12V 75W DIN rail
210121	ALLNET 19"zbh. Gerätehalter für Hutschiene/DIN-Rail Geräte, T150mm/3HE, Lichtgrau, Frontmontage,
106663	ALLNET ALL3527B / 6x 250V/10A Relay DIN rail
106665	ALLNET ALL3542 / 8 port contact input for DIN rail
61959	ALLNET ALL4020 / DIN RAIL Reed-Relais (1 reed contact, isola
98825	ALLNET MSR IO ALL4427 / 4 port 250V/10A relay in housing 'OUTPUT'

Part No.	Name
98825	ALLNET MSR IO ALL4427 / 4 port 250V/10A relay in housing 'OUTPUT'
98836	ALLNET ALL4442 / contact input 4-port in metal case
98836	ALLNET ALL4442 / contact input 4-port in metal case
28197	ALLNET ALL3003 / switching output (1 optoelectroniccoupler,
134721	ALLNET MSR Sensor ALL3008 / Temperature sensor
124089	ALLNET MSR Sensor ALL3016 / Temperature sensor waterproof
157798	ALLNET ALL3020 / Sensor for humidity and temperature
33501	ALLNET ALL3024 / 220-240V voltage meter
34417	ALLNET ALL3036 / Liquid level monitor vertical
34418	ALLNET ALL3037 / Liquid level monitor
36788	ALLNET ALL3051 / PIR motion detector
60987	ALLNET ALL4006 / DIN RAIL temperatur sensor 27mm
60991	ALLNET ALL4024 / DIN RAIL volt meter 220-240V 1phase
61958	ALLNET ALL4054 / DIN RAIL shock sensor
62422	ALLNET ALL4056 / DIN RAIL noise sensor, 27mm width
98821	ALLNET ALL4406 / temperature sensor in metal case
101321	ALLNET ALL4406 / temperature sensor in metal case *white*
157801	ALLNET ALL4420 / Combi sensor humidity/temp. in housing
157801	ALLNET ALL4420 / Combi sensor humidity/temp. in housing
113075	ALLNET ALL4421 / DC voltmeter *white*
98824	ALLNET ALL4425 / counter in metal case
101320	ALLNET ALL4425 / Contact Counter / S0 in the housing *white*
98828	ALLNET ALL4429 / temperature/humidity/pressure Sensor in met
98828	ALLNET ALL4429 / temperature/humidity/pressure Sensor in met
98828	ALLNET ALL4429 / temperature/humidity/pressure Sensor in met
98831	ALLNET ALL4432 / analog brightness sensor in metal case
98838	ALLNET ALL4444 / volt meter 220-240V 4relais in metal case
98838	ALLNET ALL4444 / volt meter 220-240V 4relais in metal case
98840	ALLNET ALL4452 / PIR movement detector
98840	ALLNET ALL4452 / PIR movement detector
102435	ALLNET ALL4454 / Smoke detector/sensor in the housing *blac
96689	ALLNET ALL4454 / Smoke/gas sensor in metal case



Part No.: 104126
Vendor Part No.: ALL3505

Part No.	Name
98820	ALLNET ALL4404 / Multiplexing Modul-Hub 8 Ports
98820	ALLNET ALL4404 / Multiplexing Modul-Hub 8 Ports
101887	ALLNET MSR ALL4500 / att. COM-Port adapter cable with 3 seri
149928	ALLNET MSR zbh. EnOcean USB 300 Dongle