

## ALLNET MSR Central "ALL5000v2" incl. 16 Sensor Ports & 19" for IP Building Automation

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### EAN CODE



## The new central unit for your building control system

### Highlights:

- 16x I2C sensor ports for maximum expansion.
- max. 128x possible sensors via ALL4404 multiplexing hub.
- Linux based opensource operating system
- 1x USB front port for optional USB dongles
- Two-line LCD display for status and IP address indication
- Redundant 12VDC input with "Widget" display in Webgui

The ALLNET ALL5000v2 IP Facility Control Server is the new flagship of the ALLNET home automation series. It offers all the features of the other MSR control centers, which is the consistent further development of the popular ALLNET MSR Ethernet sensor meter. During the development of the control server, the wishes of existing MSR users were taken into account and a large number of new features and interfaces were added without sacrificing the familiar functions. Also new is the expandability of the devices.

The ALLNET ALL5000v2 IP Facility Control Server automates all tasks in building control, such as detection and signaling of environmental conditions such as temperature, humidity, pressure and much more, as well as triggering switching operations via contacts, relays and the like. This can be done manually, time-controlled or depending on recorded values.

A wide variety of scenarios such as lighting, blinds, ventilation and household appliances can be controlled with the ALLNET ALL5000v2 IP Facility Control Server. From temperature detection and demand-based heating of individual rooms, control of garden irrigation, alarming in case of gas smell and water intrusion to automatic



opening and closing of blinds depending on daylight and much more, there are no limits to your ideas.

### Accessible everywhere via network, internet and smartphone

You control everything from a PC, notebook or other mobile device, such as smartphone or webpad. No matter if the devices you want to control, measure, regulate are located in the same building or on another continent. The ALLNET ALL5000v2 is accessible via an IP address. Your existing computer network and the Internet serve as the medium. The determined values can be retrieved directly from the device via the web browser or sent periodically via email or when a value exceeds or falls below certain preset limits. An integrated JSON interface is used to retrieve data externally via the Internet.

### Individually adapted to every need

The ALLNET ALL5000v2 IP Facility Control Server has a Linux-based opensource operating system. Thus it offers enough freedom for own developments and adaptations of the software directly to the intended use of the user.

### Would you like a little more? The new interface diversity

The ALLNET ALL5000v2 IP Facility Control Server leaves nothing to be desired and even tops the ALLNET ALL3505 Sensoric Appliance. There are 16 sensor ports (RJ45) for the connection of sensors, actuators, relays, etc. available. There is 1x USB port available, which can be used for example for USB memory sticks or EnOcean USB dongle for the use of EnOcean wireless switches.

The two-line LCD display integrated into the housing shows you the status and the IP address.

### Technical Details:

| Element   | Specification   |
|---|---|
| Product:  | ALLNET ALL5000v2 IP Facility Control Server   |
| Module ports for measuring and switching modules: | 16x RJ45 I2C-Sensor Ports for additional Sensors/Actors.  |
| Interfaces:                                       | 1x USB 2.0 extern<br>1x USB 2.0 intern<br>1x Temperatursensor onboard   |
| Network connection:                               | 1x RJ45 10/100Mbps  |
| Power Supply:                                     | <ul style="list-style-type: none"><li>• 100~240 VAC, 50/60 Hz, internal power supply unit</li><li>• optional redundant 12VDC power input</li></ul>                    |
| Power consumption:                                | <3 Watt (without additional modules)  |
| Housing:  | 19" metal housing (1U)  |
| Environment:                                      | Temperature operation: 5 ~ 40 °C<br>Operating humidity: 10% ~ 85% (non-condensing)<br>Storage temperature: -20 ~ 60 °C<br>Storage humidity: 5% ~ 90% (non-condensing) |



No. d'article: 206211  
Numéro de fabricant: ALL5000v2

|                   |   |
|-------------------|---|
| Marks:            | CE, RoHS  |
| Dimensions:       | 440 x 230 x 44 mm (width x depth x height)  |
| Package contents: | <ul style="list-style-type: none"><li>• 1 piece ALLNET ALL5000v2</li><li>• 1 piece ALLNET ALL3008 temperature sensor</li><li>• 1 manual</li><li>• Power cable</li></ul> |

## Accessoires

| No. d'article | Désignation   |
|---------------|---|
| 28197         | ALL3003 Interrupteur Sortie                                       |
| 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                           |
| 98831         | ALLNET ALL4432 / Helligkeitssensor analog im Metall Gehäuse       |
| 34417         | ALL3036 Capteur pour niveau                                       |
| 34418         | ALLNET ALL3037 / Liquid level monitor                             |
| 36788         | ALLNET ALL3051 / PIR motion detector                              |
| 60987         | ALLNET ALL4006 / DIN RAIL temperatur sensor 27mm                  |
| 61959         | ALLNET ALL4020 / DIN RAIL Reed-Relais (1 reed contact, isola      |
| 60991         | ALLNET ALL4024 / DIN RAIL volt meter 220-240V 1phase              |
| 61953         | ALLNET ALL4025 / DIN RAIL counter                                 |
| 61953         | ALLNET ALL4025 / DIN RAIL counter                                 |
| 98828         | ALLNET ALL4429 / Luftdruck/Feuchte/Temperatur Sensor              |
| 113075        | ALLNET ALL4421 / DC voltmeter *white*                             |
| 98838         | ALLNET ALL4444 / volt meter 220-240V 4relais in metal case        |
| 61958         | ALLNET ALL4054 / DIN RAIL shock sensor                            |
| 62422         | ALL4056 - détecteur de sons                                       |
| 98825         | ALLNET MSR IO ALL4427 / 4 port 250V/10A relay in housing 'OUTPUT' |
| 98836         | ALLNET ALL4442 / contact input 4-port in metal case               |
| 98828         | ALLNET ALL4429 / Luftdruck/Feuchte/Temperatur Sensor              |
| 98840         | ALLNET ALL4451 / PIR Bewegungsmelder im Gehäuse                   |

| No. d'article | Désignation   |
|---------------|---|
| 98820         | ALLNET Capteur MSR zbh. ALL4404 / Multiplexeur de ports 8x *white   |
| 98821         | ALLNET ALL4406 / Temperatursensor im Gehäuse *black*  |
| 101321        | ALLNET ALL4406 / Temperatursensor im Gehäuse *white*  |
| 157801        | ALLNET ALL4420 / Combi sensor humidity/temp. in housing   |
| 157801        | ALLNET ALL4420 / Combi sensor humidity/temp. in housing   |
| 98824         | ALLNET ALL4425 / counter in metal case  |
| 101320        | ALLNET ALL4425 / Contact Counter / S0 in the housing *white*  |
| 98825         | ALLNET MSR IO ALL4427 / 4 port 250V/10A relay in housing 'OUTPUT'   |
| 98828         | ALLNET ALL4429 / Luftdruck/Feuchte/Temperatur Sensor  |
| 98831         | ALLNET ALL4432 / Helligkeitssensor analog im Metall Gehäuse   |
| 98836         | ALLNET ALL4442 / contact input 4-port in metal case   |
| 98838         | ALLNET ALL4444 / volt meter 220-240V 4relais in metal case  |
| 98840         | ALLNET ALL4451 / PIR Bewegungsmelder im Gehäuse   |
| 96689         | ALLNET ALL4454 / Smoke/gas sensor in metal case   |
| 166559        | ALLNET MSR ALL4471/Capteur de dioxyde de carbone Co2 *blanc   |
| 166561        | ALLNET MSR ALL4472 / Particulate Matter Sensor *white*  |
| 37038         | ALL3088 IP-Symcon Software pour ALL3000/ALL4000   |
| 96687         | ALLNET ALL3089 / IP-Symcon Prof. Software für ALL3000/ALL400  |
| 174036        | ALLNET MSR IO central switch socket incl. WLAN 'ALL3073V3WLAN' for IP building automation                                       |
| 104248        | ALLNET MSR IO central switching socket ALL3075v4 incl. WLAN & current measurement for IP building automation                    |
| 172091        | ALLNET MSR IO control unit ALL4175v2 / Network switching device 4-gang relay 230VAC/10A   |
| 221638        | ALLNET MSR IO Central Switching Power Strip 6-way incl. Meter for Desktop & 19" Mounting "ALL4176v3" for IP Building Automation |

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