



ALLNET

ALL3418v2

IP Thermometer LAN/WLAN

- compact Design
- Temperature monitoring via network
- additional 1 sensorport for optional sensors

Art.-Nr.95629

Note: Product specification is subject to change without notice.

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Temperatur measurement easily made via Network.

The ALLNET ALL3418v2 IP Thermometer is a flexible and economic solution for temperature measurement via network. Thanks to its extremely compact design the application is possible even in hard to reach places. The rugged metal housing has tabs for mounting on walls and ceilings and protects against mechanical damage.

The ALL3418v2 IP thermometer is integrated wired or wireless LAN to a network and is accessible via an IP address. The measure values can be viewed via a web browser directly at the device. No additional software is required for operation. Thus the ALL3418v2 is suitable for all operating systems.

The temperature is measured via the supplied external temperature sensor ALL3006. Another internal Temperatursensor on the motherboard of the device shows the system temperature. With the optional ALL3018 temperature & humidity sensor the humidity can be additional to the temperature recorded. The measuring intervals can be set in seconds. The last 512 measured values can be displayed on request directly in the device as a graphical trend.

Intelligent features and programming by switching matrix

Depending on the values determined certain actions can be programmed via the software-switching matrix. For example, the measured values can be transmitted via e-mail above or below set limits. This can be singular, be repeated several times and / or at certain time intervals as long as the matrix condition exists.

Another possibility is the targeted external circuit, switching enabled IP devices, such as network sockets ALL307x series or network relay ALL4075, as well as the switch directly connected actuators, eg ALL4427 the relay module.

Flexible installation options

The external sensors can be inserted either at the ALL3418v2 or may be connected remotely via a control line. For remote connection of the sensors to the central unit use all ALLNET home automation products 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.

Across locations temperature measurement without limits

In connection with the control and measurement computers ALLNET ALL4500 and ALL5000 several ALL3418v2 can be operated in combination, which are distributed over different locations. Here, each individual ALL3418v2 is queried about the individual IP address and displayed and stored centrally in ALL4500/5000.



Technical Specifications:

Item	Specification:
Product	ALLNET ALL3418v2 / IP Thermometer LAN/WLAN
Interfaces:	1x RJ45 for sensor modules
Wireless LAN:	Ralink RT3352 Chipset 2,4 GHz Wireless N, up to 150 Mbps Security: WEP 64/128bit, WPA, WPA2
Unterstützte Standards:	IEEE 802.3 IEEE 802.3u IEEE 802.11b/g/n
Network Interface:	1x RJ45 10/100Mbps
Power source	100~240 VAC, 50/60 Hz, external Power source
Stromverbrauch	<3 Watt maximal
Case:	metall case
Environment:	operating temperature Betrieb: 0 ~ 40 °C operating humidity: 10% ~ 85% (non- condensed) storage temperature: -20 ~ 60 °C storage humidity: 5% ~ 90% (non-condensed)
Certificates:	CE, RoHS
Dimensions:	89,5 x 52,2 (74) x 24 mm (Length x Width x Height)
Weight:	115 Gramm (Device incl. WLAN Antenna and ALL3006 Sensor)
Warranty:	36 Monate
Package content:	-ALLNET ALL3418v2 -ALLNET ALL3006 temperature sensor -WLAN antenna -external power source -manual

Example configuration:

