ALLNET ALL3419

IP Thermometer LAN/WLAN

- detection of Temperature / Humidity / Gas / Smoke / Movement etc. via network
- Robust metal housing
- Brackets for attachment to wall
- Suitable for all operating systems
- 1x ALL3006 Temp-Sensor including
- Flexible/Multiple Installation of different ALLNET Bulding-Automation Units can be controlled in one Web-GUI with JSON API
- Optional Free-Software Modules like SNMP / FTP Upload / POST_GET / Upload into PoE Clock/Counter / EnOcean /

Art.-Nr.134571

Note: Product specification is subject to change without notice.

Temperatur measurement easily made via Network.

The ALLNET ALL3419 IP Thermometer/Automation-Building-Main-Unit is a flexible and economical solution for temperature measurement over a network. The very compact design makes it suitable for use in confined spaces. The rugged metal housing has tabs for mounting on walls and ceilings and protects against mechanical damage.

The ALL3419 IP Thermometer/Automation-Building-Main-Unit is connected to a computer network via cable or WLAN and is accessible by an IP address. The measured values ??can be accessed via web browser on the device itself. No additional software is required for operation. Thus the ALL3419 is appropriate for all operating systems.

The temperature is measured by the included I2C RJ45 temperature sensor ALL3006. Another internal onboard sensor shows the internal system temperature. With the optional ALL3018 temperature & humidity sensor can detect also humidity. The measurement intervals can be set second by second. The last 512 values can be shown directly as a graphical trend. Additional Sensors and Actors can be also measure Gas / Movement etc. see www.allnet.de/en/allnet-brand/produkte/home-automation/home-automation-sensoren/

Intelligent features and programming by switching matrix

Depending on measured values certain actions can be programmed over the software based switching matrix. For example, if temperature is above or below defined limits, the readings can be sent by email. This may once, several times, and/or in certain time intervals, so long as the matrix condition exists.

Another possibility is switching of external IP switching devices, such as network-sockets series ALL307x or network-relay ALL4075/4175 as well as directly connected actuators, for example the relay module ALL4427/3527. Alternativly can be switches also over the JSON Protocol.

Flexible installation options

The external sensors can be plugged directly on ALL3419 or can be connected remotely via a control line. For remote connection a simple network cable (RJ45 connector, Cat. 5) is suitable to connect the sensors with the CPU. This way of connection is used in all ALLNET Home Automation products. For this purpose, an existing cable network such as already installed network or telephone lines can be used. The maximum cable length between CPU and sensor module can be up to 100 meters. The power supply of the sensor modules is already done via the main unit. A separate power source for each sensor module is not necessary.

Borderless Cross-site temperature measurement

Several ALL3419 can operate in conjunction with the bigger control and measurement computers ALLNET ALL3500/3505/4500 or ALL5000, to show a lot of geographically distributed values in a centralized way. Each individual ALL3419 is queried over an individual IP address and centrally stored and displayed in all the other Main-Units like ALL3418v2/3419/3500/3505/4500/5000 etc.

Technical Specifications:

Item	Specification:
Product	ALLNET ALL3419 / IP Thermometer LAN/WLAN
Interfaces:	3x RJ45 for sensor/actor modules 1x USB 2.0 for additional Wireless Dongles like „EnOcean or Plugwise" 1x RJ45 Console Port for Serial-Connection
Wireless LAN:	Ralink/Mediatek MT7688AN 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:	92 x 85 x 24 mm (Length x Width x Height)
Weight:	134 g (ALL3419 with ALL3006 sensor)
Warranty:	36 Monate
Package content:	-ALLNET ALL3419 -ALLNET ALL3006 temperature sensor -WLAN antenna -External power supply -Quick installation guide

Note: Product specification is subject to change without notice.

www.allnet.de