ALLNET MSR Sensor Anemometer Wind Meter "ALL3420" for IP Bui

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EAN CODE

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Highlights:

- Maintenance-free and long service life
- Compact size with 8,5cm diameter
- no moving parts therefore no wear due to the integrated ultrasonic sensors
- 20m long connection cable from central unit to sensor
- Protrokollierung of the measured values in the central unit possible
- export of the sensors as CSV or optional with module via FTP or to the cloud

The ALL3420 Ultrasonic Wind Speed and Direction Sensor is a measuring device that can be used to detect the wind speed and direction in the outdoor air. The sensor is designed to be mounted at the highest point of your building to detect and measure/log the wind direction and speed, etc. The sensor can also be used to measure the wind speed and direction. Based on this data, you can then use the optional ALLNET MSR devices to switch/retract the blinds or other actuators to prevent damage to the building.

Place of use:

- At the highest point of your building to retract blinds & awnings in case of danger.
- Weather station for meterological purposes
- Weather station for agriculture and farmers
- Weather station for construction sites / cranes etc.
- weather station at the beach
- any kind of wind alarm / measurement

Technical Details:

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Page 1/5

Element	Specification
Interfaces:	1x NMEA RS485 Wind speed & Wind direction sensor 1x I2C sensor port for optional ALLNET sensors or actuators 1x 100Mbit RJ45 LAN with integrated PoE IEEE802.3af 1x USB 2.0 Type A 1x RJ45 for console (programmer/interface) 1x 5,5mm/2,1mm DC Female for 12V/1A power supply
Measuring range:	0-40m/s (wind speed) 0-359° (wind direction)
Precision:	Low wind speed:(0-5)m/s:±0.5m/s (wind speed) High wind speed:(5-40)m/s:±1m/s (wind speed) Lowwindspeed:(0-5)m/s:±0.5° (wind direction) Highwindspeed:(5-40)m/s:±3° (wind direction)
resolution factor:	0.1m/s (wind speed) 1° (wind direction)
Cable lenght:	20m Cable (from IP Main unit to the sensor)
Network connection:	1x RJ45 10/100Mbps
Wireless LAN:	Ralink/Mediatek MT7688AN Chipset 2.4 GHz Wireless N, up to 150 Mbps Security: WEP 64/128bit, WPA, WPA2
Supported standards:	IEEE 802.3 IEEE 802.3u IEEE 802.11b/g/n
Power supply:	100~240 VAC, 50/60 Hz, 12V / 1A external power adapter
Power consumption:	<3 watts maximum
Housing:	Metal
Environment:	Operating temperature: 0 ~ 40 °C (IP Mainunit) Operating temperature: -40° ~ +70° (Windsensor IP65) Operating humidity: 10% ~ 85% (non-condensing) Operating humidity: 0 ~ 100% (Windsensor IP65) Storage temperature: -20 ~ 60 °C Storage humidity: 5% ~ 90% (non-condensing)
Marks	CE, RoHS, RED
Dimensions:	IP65 Windsensor 11cm (height) x 8,5cm (diameter) Ø5cm diameter socket to the mount Mounting Kit 19,6cm (height) x 11cm (feet) Ø5,6cm diameter for windsensor

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Page 2/5

	IP Main-Unit 9,3cm (width) x 8,7cm (length) x 2,7cm (height)
Weight:	2,5kg
Package contents:	- IP Mainunit ALL3420 - ALL3420 Ultrasonic Sensor - Mount - 20m Cable to the Sensor - Power supply external "12VDC / 1A - Patchcable - WiFi Antenna - QIG

Attributes

Attribute	Value
Bauform:	Kunststoff
Einsatzorte:	indoor
Kompatibilität Zentrale:	ALL3419;ALL3500;ALL3500PoE;PoE Signallampe;ALL3696;ALL3420;ALL5000;ALL4500;ALL5000v2;ALL3418;ALL5100;ALL4176;ALL3692;
Weight:	3 Kg
Warranty:	24.00 Months

Accessories

Part No.	Name
134571	ALLNET ALL3419 / IP Building-Autom. 3x I2C, 1x USB, LAN/WLAN
98686	ALLNET ALL3500 / IP Homeautomation Appliance, 4x Sensor-Port
104126	ALLNET ALL3505 / IP Homeautomation Appliance DIN-Rail 8x I2C
174036	ALLNET MSR IO central switch socket incl. WLAN 'ALL3073V3WLAN' for IP building automation
172091	ALLNET MSR IO control unit ALL4175v2 / Network switching device 4-gang relay 230VAC/10A
104248	ALLNET ALL3075v4 / Wireless socket, switchable via IP with P
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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Page 3/5

Part No.	Name
98825	ALLNET MSR IO ALL4427 / 4 port 250V/10A relay in housing 'OUTPUT'
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
34417	ALLNET ALL3036 / Liquid level monitor vertical
34418	ALLNET ALL3037 / Liquid level monitor
36788	ALLNET ALL3051 / PIR motion detector
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
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
98831	ALLNET ALL4432 / analog brightness sensor in metal case
98831	ALLNET ALL4432 / analog brightness sensor 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
88282	ALLNET ALL4524 / volt meter 220-240V AC
98820	ALLNET ALL4404 / Multiplexing Modul-Hub 8 Ports
98820	ALLNET ALL4404 / Multiplexing Modul-Hub 8 Ports
210354	ALLNET PoE Splitter-Mini/Extractor / Gigabit / 24W / 5V/12V Switchable / ALL-PS102G-AF-AT

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Page 4/5

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