

Weather Stations

WiFi Weather Station

Model: 0320-020T



Features

| Model 0320-020T | | | | | |
|--|---|---------------------------------------|---|------------------------------------|---|
| Temperature (indoor +outdoor) | ● | Rainfall data | ● | Snooze | ● |
| Humidity (indoor +outdoor) | ● | UV index | ● | Backlight | ● |
| Dew point (indoor +outdoor) | ● | Light meter | ● | Beeper on/off | ● |
| PM2.5 PM1.0 (indoor) | X | Solar radiation | ● | Max./Min value | ● |
| Carbon Dioxide CO2 (indoor) | X | Time and calendar | ● | Low power indication | ● |
| Wind chill | ● | USB connection | X | Alarm | ● |
| Wind speed | ● | WiFi connection | ● | Wall hanging | ● |
| Wind gust | ● | LORA connection | X | Soar powered | ● |
| Wind average | ● | With data storage | X | Calibratable | ● |
| Wind direction | ● | View data on APP | ● | °C and °F | ● |
| Add additional 8 hygro-thermometer sensors | ● | Support Weathercloud and Wunderground | ● | m/s, km/h, mph, knots, ft/s or bft | ● |
| Barometric (REL and ABS) pressure | ● | Weather forecast (24H-48H) | ● | mmhg, inHg, hPa | ● |
| Moon phase | ● | View data on a software | X | W/m ² , fc or lux. | ● |

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Specifications

| Measurement | Range | Accuracy | Resolution |
|----------------------------|----------------------|--|----------------------------------|
| Indoor Temperature | 0 to 60 °C | ± 1 °C | 0.1 °C |
| Outdoor Temperature | -40 to 60 °C | ± 1 °C | 0.1 °C |
| Humidity (indoor +outdoor) | 10 to 99 % | ± 5% (20% - 90%) | 1 % |
| Outdoor Humidity | 10 to 99% | ± 5% (20% - 90%) | 1 % |
| Sensors 1-8 Humidity | 10 to 99% | ± 5% (20% - 90%) | 1 % |
| Sensors 1-8 Temperature | -40 to 60°C | ± 1°C(± 2°F) | 0.1°C(°F) |
| UV Index | 1 to 15+ | ± 1 | ± 1 |
| Light meter | 0 to 200k lux | ± 15% | ± 15% |
| Rainfall | 0 to 9999mm | <15mm: ±1 mm, 15mm to 9999mm: ±7% | <1000mm (0.3mm) >1000mm (1mm) |
| Wind Direction | 0 - 360 ° | ± 10° (16 points compass) | ± 1° (16 points compass) |
| Wind Speed | 0 to 50 m/s | 2m/s~10m/s: ±3m/s 10m/s~50m/s: ±10% | 0.1 m/s |
| Barometric Pressure | 300 -1100 hpa | ± 3 hpa | 0.1 hpa |
| Transmission interval | 16s | | |
| Transmission distance | 100m in open area | | |
| Transmission frequency | 433MHz | | |
| Max. transmission power | 0.5mW | | |
| WIFI | 802.11 b/g/n, 2.4GHz | | |
| WIFI transmission distance | 20m | | |

General Information

| | |
|----------------------|--|
| Model | 0320-020T |
| Power supply | Receiver: 3 x AAA batteries or 5V/1A or 5.9V/0.5A Transmitter: 3 x AA batteries Thermo-hygrometer Sensor: 2 x AAA alkaline batteries |
| Product size | Receiver:215x22x158mm Transmitter:330x150x280mm Thermo-hygrometer Sensor: 75x53x22mm |
| Product weight | Receiver:250g / Transmitter: 1000g / Thermo-hygrometer Sensor:50g |
| Standard accessories | Receiver x 1 / Transmitterx1/ foot mounting x 1 / Mounting bracket x1/ Mounting pole x 1/ Mounting nuts (M3) x 2 / Mounting Nuts (M5) x4/ Tapping screws x4 / manual x 1/ power adaptor x1 |