

Wireless Weather Station



SKU:

EAN:

FEATUES

- Weather Station Features: Time(12/24) and calendar display: Time(Internet Sync Time), date, Year, alarm Set (alarm 1 and alarm 2), Snooze
- Indoor temperature(°C/°F) and humidity – Hi/Lo alarm
- Indoor Dew Point-Hi/Lo alarm
- Integrated outdoor sensor temp(°C/°F) and humidity – Hi/Lo alarm
- Outdoor dew point, AT and Feels like – Hi/Lo alarm
- Wind speed and gust display(m/s, km/h, mph, knots bft or ft/s): Current, 2mins, 10mins – Hi alarm
- Wind direction icon and data display
- Weather forecast (Sunny, partly cloudy, Cloudy, Rainy), Moon Phase
- Barometric Pressure display (mmhg, inHg or hPa.): ABS or REL – Hi Alarm
- Rainfall data (inch or mm): Rate, 24 hours, week, month, and total – Hi Alarm
- UV and Sunlight Index Display(W/m², fc or lux.) – Hi Alarm
- Display console 3 levels of adjustable backlight
- Min/Max Records with manually clear or 24hrs automatically clear
- Manually calibration of in/outdoor temp, humidity, pressure, wind speed, rainfall, sunlight
- Solar Power-Solar panel doesn't charge the battery and it is an auxiliary power supply
- Integrated Outdoor Sensor Low power indicator
- Wall hanging or desk freestanding
- WiFi connection(2.4G Router)
- Upload real-time weather data to wunderground and weathercloud



SPECIFICATION

Weather Station Specifications

Outdoor temperature range	-40°C to + 60°C, accuracy: ±0.3°C
Indoor temperature range	0°C to + 60°C, accuracy: ±1°C
Indoor Humidity range	10% to 99%, accuracy: ±5%
Outdoor Humidity range	1% to 99%, accuracy: ±3%
Barometric pressure range	300 to 1100hpa , accuracy: ±3hpa
Rain volume	0 – 9999mm
Resolution	0.3mm (if rain volume < 1000mm)
1mm	(if rain volume > 1000mm)
Accuracy	< 15 mm: +/- 1 mm, 15 mm to 9999 mm: +/- 7%

Wind speed Range	0~50m/s
Accuracy	2 m/s ~ 10 m/s (± 0.3 m/s), 10 m/s ~ 50m/s ($\pm 10\%$)
Wind direction accuracy	0 – 360°, accuracy: $\pm 10^\circ$
Sunlight index	0 to 200,000 Lux, accuracy: $\pm 15\%$
UV index	1 to 15+, accuracy: ± 1 Levels
Integrated Outdoor Sensor transmission interval	16s
Integrated Outdoor Sensor transmission range	100m in open area (30m under most conditions)
Integrated Outdoor Sensor transmission frequency	433MHz
Wifi standard	802.11 b/g/n
Wifi frequency	2.4GHZ
Line of sight of Wifi transmission	20m

Weather Station Power

consumption

Display Console	3 x AAA 1.5V Alkaline or Lithium batteries (not included)
Integrated Outdoor Sensor	3 x AA 1.5V alkaline batteries or Lithium batteries (not included)
Indoor Humidity range	10% to 99%, accuracy: $\pm 5\%$; Outdoor Humidity range: 1% to 99%, accuracy: $\pm 3\%$
Barometric pressure range	300 to 1100hpa , accuracy: ± 3 hpa
Rain volume	0 – 9999mm
Resolution	0.3mm (if rain volume < 1000mm)
Batteries	The batteries provide backup power when there is limited solar energy
Power Adaptor	5.9V/0.5A

Weather Station Dimensions

Display Console (LxHxW)	215x158x22mm (8.47x6.22x0.87inch)
LCD Dimensions (LxW)	170x125 mm (6.7x4.9inch)
Integrated Outdoor Sensor	330x280x150mm (13x11x5.9 inch)

Weather Station Packages	1 x Indoor Display Console 1 x Solar Integrated Outdoor Sensor(FT019T) 1 x Mounting Bracket Back Plate 1 x Mounting Pole + 1 x Foot Mounting 1 x English Manual 1 x Power Adapter(Console use only) Spare parts: Pole mounting nuts and bolts
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