

Weather Stations

WiFi Weather Station

Model: 0310-020T



Features

Model 0310-020T			
Temperature (indoor + outdoor)	●	Rainfall data	●
Humidity (indoor + outdoor)	●	UV index	●
Dew point (indoor + outdoor)	●	Light meter	●
PM2.5 PM1.0 (indoor)	X	Solar radiation	●
Carbon Dioxide CO2 (indoor)	X	Time and calendar	●
Wind chill	●	USB connection	X
Wind speed	●	WiFi connection	●
Wind gust	●	LORA connection	X
Wind average	●	With data storage	X
Wind direction	●	View data on APP	●
Add additional 8 hygro-thermometer sensors	X	Support Weathercloud and Wunderground	●
Barometric (REL and ABS) pressure	●	Weather forecast (24H-48H)	●
Moon phase	●	View data on a software	X
		Snooze	●
		Backlight	●
		Beeper on/off	●
		Max./Min value	●
		Low power indication	●
		Alarm	●
		Wall hanging	●
		Soar powered	●
		Calibratable	●
		°C and °F	●
		m/s, km/h, mph, knots, ft/s or bft	●
		mmhg, inHg, hPa	●
		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
Indoor Humidity	10 to 99 %	± 5% (20% - 90%)	1 %
Outdoor Humidity	10 to 99%	± 5% (20% - 90%)	1 %
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	0310-020T
Power supply	Receiver: 3 x AAA batteries Transmitter: 3 x AA batteries Power adaptor: 5V/1A or 5.9V/0.5A
Product size	Receiver:215x22x158mm Transmitter:330x150x280mm
Product weight	Receiver:250g Transmitter: 1000g
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