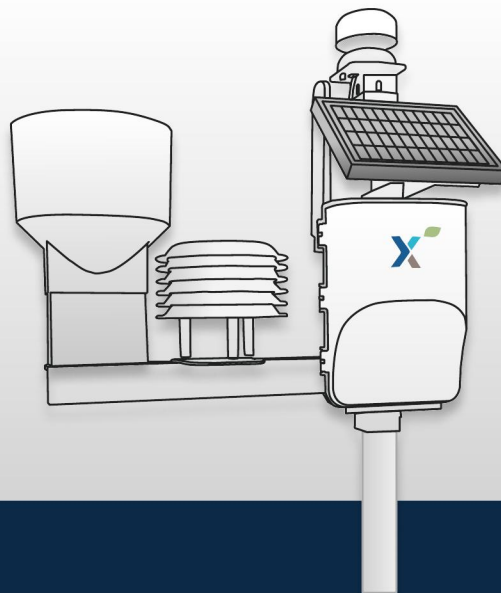


Strato

Technical Datasheet – Strato 1 (S1)



PRODUCT SPECIFICATIONS

External interface	SDI-12 - 2 inputs Pulse counter - 2 inputs Current loop - 1 input Thermocouple - 1 input
Power supply	4.2 V 10 Ah rechargeable Li-ion 12 Volt 2 Watt solar panel
Operating voltage	3.6 V nominal
Operating temperature	-20 °C to 60 °C
Storage temperature	-10 °C to 50 °C
Antenna type	N-Type, 700-2700 MHz
Certifications	CE, FCC, RoHS

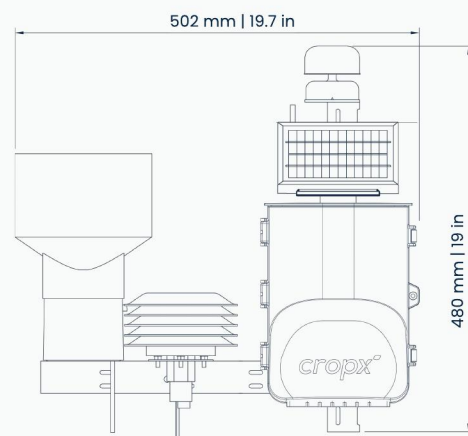
MEASUREMENTS

Range & accuracy of temperature	-40°C to 85°C ± 0.2 °C
Range & accuracy of humidity	0% - 100% ± 2 %
Resolution & accuracy rain sensor	0.2 mm ± 2 %
Range & accuracy of wind speed	0.5 - 45 m/s ± 0.1 m/s @10 m/s
Range & accuracy of wind direction	0 - 359° ± 1 °

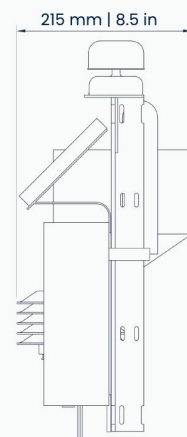
SKU LIST

Strato Weather Station CM Telit Next	CX-STRAT01-B-N
Strato Weather Station C1 Telit Next	CX-STRAT01-E-N
Strato Weather Station C1 Telit	CX-STRAT01-E-T
Strato Weather Station C1 Hologram	CX-STRAT01-E-H
Strato Weather Station CM Hologram	CX-STRAT01-B-H
Strato Weather Station CM Verizon	CX-STRAT01-B-Z

PHYSICAL DIMENSIONS



Weight 3.75 kg



INTERFACE & MANAGEMENT

Communication	Cellular: 2G/3G/4G (CAT-1 or CAT-M1) Bluetooth Low Energy (BLE)
Data collection	Sensor measurements every 15 min Cloud transmission every 1 hr
Data interface	CropX Website or App (iOS, Android)