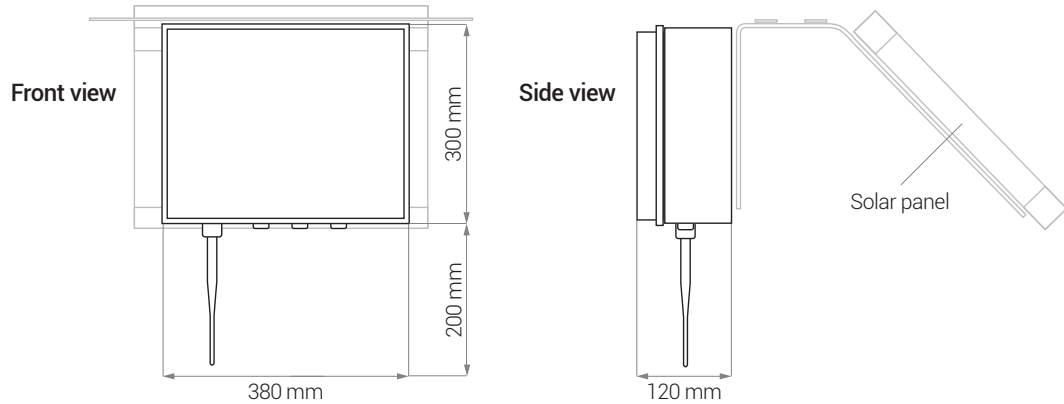


Wireless Docking Station

Dimensions



Specifications

Standard radio communication	169 MHz @ 500mW or 868 Mhz @ 25mW
Max open air radio range	1.5 Km / Range extendable using multiple WDSs
Optional communication protocols	<ul style="list-style-type: none"> • LoRa • Sigfox • GSM, GPRS, 3G, 4G
Node to multi-node communication interface	Radio 169 MHz @ 500mW or 868 Mhz @ 25mW
Local short range communication interface	Wi-Fi and USB
Concentrator to server communication interface	Wi-Fi and USB
Embedded operating system	Proprietary
Power supply	<ul style="list-style-type: none"> • Stand-alone (powered by PV solar panel) • Grid connection mode
Stand-alone	Powered by PV solar panel managed with MPPT and BMS
Device power in ON mode (with radio units off)	0.02 W
Device power in low-power mode (maintaining the capability to monitor the sensors with reed-impulse output)	1 mW
Grid connection mode	Power supply AC 110-220 V
On board memory	Removable SD card
Battery life without sun irradiation	<ul style="list-style-type: none"> • 15 days @ 4 transmitted data per hour • 100 days @ 4 logged data per hour
Device power (with radio unit off)	0.1 W
International Protection	IP 65
Unit operating temperature	-30°C ÷ 70 °C
Charging battery operating temperature	0°C ÷ 45 °C
Unit weight (with battery and solar panel)	3 Kg

Ordering info

Link www.sunto.technology/connecting/WDS/#order

Email sales@sunto.technology



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