



IoT Series **ST4915LCBF**

Asset/Trailer Tracker
Wi-Fi Positioning + Bluetooth
Multi-Year Long Life Battery



- ❖ LTE Cat M1/NB2-IoT/2G
- ❖ Multi-GNSS with SBAS
- ❖ A-GPS
With u-Blox ThingStream AssistNow
- ❖ 57 Ah Li/SOCl₂ Battery
- ❖ Circular Geofencing
- ❖ Multiple Report Modes
- ❖ OTA Server Support
- ❖ Wi-Fi Positioning
With 3rd Party Wi-Fi Location Service
- ❖ Bluetooth Tag Reception
ELA: Available at: [ELA Innovation](#)
ConMet: Available at: [ConMet](#)



Models

ST4915LCBF

57 Ah Li/SOCl₂ Non-Rechargeable Battery

Sales

Support



IoT Series ST4915LCBF

Cellular			
Certified Carriers	AT&T T-Mobile		US Cellular Verizon
4G LTE Cat-M1	B1/B2*/B3/B4*/B5*/B8/B12*/B13*/B18/B19/B20/B25/B26/B27/B28/B66*/B85* (*PTCRB Certified)		
4G LTE Cat-NB2	B1/B2*/B3/B4*/B5*/B8/B12*/B13*/B18/B19/B20/B25/B28/B66*/B71/B85* (*PTCRB Certified)		
2G Fallback EGPRS	850/900/1800/1900MHz		
Protocols	TCP/UDP/SMS		
Back-Up Server	Dual IP Support		
GNSS			
Multi-Constellation	Without A-GPS		With A-GPS
	GPS + Galileo + BeiDou + SBAS (WAAS)*		GPS + GLONASS + SBAS (WAAS)*
*WAAS available in North America			
Assisted GNSS	Reduced TTFF: Requires u-Blox ThingStream AssistNow service		
TTFF	Cold Start	Warm Start	Hot Start
	< 35 s	< 30 s	< 1 s
Sensitivity	Tracking	Reacquisition	Acquisition
	-167 dBm	-161 dBm	-149 dBm
Geo-Fencing	Circular: 255 zones		
Position Accuracy	SBAS 2.0 m Open Sky		
Bluetooth			
Version	5.4		
Compatibility*	Manufacturer	Tags	Reporting
	ELA	Coin T, Puck RHT	Parsed Data
		All Others*	Raw Data
CONMET	TPMS	Raw Data	
*Contact Suntech Support for details			
Wi-Fi			
Frequency	2.4 GHz, B/G/N support		
Access Points	3 Access Points: RSSI strength and MAC Address		
Geo-Location	Requires 3 rd Party Wi-Fi Access Point Geolocation Service		
Power			
Battery	57 Ah Li/SOCl ₂ non-rechargeable		
	1% Self-Discharge per year		
Power Consumption	Deep Sleep	Sleep	Active
	< 10 uA	~ 15 mA	~ 40-60 mA
Miscellaneous			
Motion Detection	3-axis accelerometer		
Water Resistance Rating	IP67		
Temperature Range	-30°C ~ +80°C		
Weight	714 g		
Dimension	62(L) × 258(W) × 61(H) mm		
Certificates	FCC, IC, PTCRB		