

UTECH TRACKBOX LITE

PRODUCT FEATURES AND SPECIFICATIONS



The UTECH Trackbox Lite is a low cost device capable of reading 2 temperature sensors along with GPS location monitoring. It comes with the GSM connectivity which can post the data to a server or communicate directly to the end customer through SMS. The device also comes with a battery backup of upto 2 days.



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Supply	Operating Voltage	9V – 30V or 5V (optional)
	Supply Protection	TVS protection, Fuse protected
	Power Consumption	~1.2Watts *Subject to change
	Internal Fuses	Internal fuses for each section to safeguard integrity, allowing sections to work even if others are damaged
Communication	GSM	2G Quad-band 850 / 900 / 1800 / 1900 MHz (optional)
	GSM Protection	Isolated section to ensure zero interference with other components
	Protocol	SMS based control
		HTTP/S posting of data to server
Location	GPS (Optional)	GPS, GLONASS, BEIDOU, QZSS, SBAS (WAAS, EGNOS, GAGAN, MSAS) and A-GPS.
Inputs	Digital	2 Purpose built temperature sensors/ Temp+Humidity sensors
Internal Sensors	Accelerometer (Optional)	3-Axis accelerometer for motion detection
Auxiliary	Battery backup	18650 LI-ion (mAh as required)
	Internal RTC	Yes
	IP Rating	IP 42
	Dimensions	L - 7.5 cm, W - 3.5cm, H - 10cm * Subject to change