

# AIS 140 Tracking Device



Parameters	Description
Chipset	MT6260
Memory	8 MB solid state Flash, 100K Erase and Program Cycle.
	10-year data retention.
GSM Module	Quad Band GSM 850/900/1800/1900Mhz, DCS GPRS: class10 Coding Scheme CS1 to CS4
GNSS Module	GNSS:99 acquisition-/ 33 tracking channels, Ultra high tracking/navigation sensitivity: -167dBm, Inbuilt patch antenna
	5 Meters Accuracy.
Antennas	Internal Antennas
Communication Interface	TCP/IP on GPRS
Record Storage/buffer	40000 Tracking Records. (may vary based on configuration and parameter chosen)
Ports	1-USB Device type B, 2 Analog Input, 4 Digital input, 2 Digital output (Open Drain)
	1 Serial Port
Speed Sensor	GNSS (default)
SIM Interface	Supports both Embedded and normal 1.8V & 3V (Micro SIM)
GPRS Packet Data	Class 10; Class 8 (Optional), Coding Scheme CS1 to CS4
LED Indication	Process, GSM, GNSS, USB Detection
Connectors	12 -Pin power mate connector
Power Supply	Wide DC input voltage range (9V - 32V)
Current Consumption	150mA during transmission, 50mA during tracking and <20mA during Sleep Mode
Internal Battery	850mAh, 6 to 8 Hr backup.
Enclosure	ABS plastic casing with IP67 rating
Temperature	Operating: -25°C to +80°C
	Storage: -25°C to +80°C (Without Battery)
Dimension (L x W x H) in mm	120 x 85 x 34
Weight	170 grams
FOTA	Firmware upgrade over the air available
Geo Fencing	Polygonal Geo Fencing available
Motion Sensor	3 Axis Accelerometer and 3 Axis Gyrometer