

SPACE X TRACKING SYSTEMS

AIS140 GPS • Tracking • Compliance Solutions

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Featured Product – AIS140 GPS Device

Parameter	Description
Device Model	SPX01
Microcontroller	32 Bit cortex M0+
GSM Chipset	UNISOC 8910DM
GNSS & IRNSS Chipset	UNISOC 8910DM
Flash Memory	128 M-byte Flash
Erase/Program Cycle	Minimum 100K Cycle
Data Retention	More than 20 Years
GSM Frequency	GSM 900/1800 MHz
GPRS Class	LTE FDD: Band 1/3/5/8 LTE TDD: Band 34/39/40/41
Coding Scheme	CS1 to CS4
GNSS Bands	L1, L5, B1, E1
Navigation Support	GPS, GLONASS, BeiDou, Galileo, QZSS, IRNSS
Communication Protocol	TCP, FTP, HTTP, MQTT
Record Storage	60000 Tracking Records
Digital Inputs	6
Analog Inputs	2
Digital Outputs	2
SOS Interface	1
RS232 Port/CAN	1
Speed Source	GNSS
SIM Type	ESIM + Plastic Micro SIM (1.8V/3.0V)
Input Voltage	DC 9–90V
Battery	1200 mAh (8 Hours Backup)
Protection	IP67
Dimensions	102 x 100 x 36 mm
Weight	Approx. 250g
FOTA	Supported
Geo Fencing	Circular & Polygonal
Motion Sensor	6 Axis Accelerometer + Gyrometer
Event Detection	Harsh Braking & Cornering

AIS140 GPS	Reflective Tape	SLD
PUC	RC	DL
HSRP Plate	Fleet Tracking	Vehicle Compliance

Technical Highlights

- LTE + GNSS Tracking Support
- GPS / GLONASS / BeiDou / Galileo / QZSS / IRNSS
- IP67 Protection
- 1200 mAh Backup Battery
- Geo Fencing (Circular & Polygonal)
- MQTT / HTTP / FTP / TCP Communication
- FOTA Supported
- Harsh Braking & Cornering Detection

SPACE X TRACKING SYSTEMS

Smart Tracking • Safer Journey • Better Tomorrow

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