

Thumb-Sized GPS Logger

The smallest GPS data logger in the world



Introduction

ML-7 is the smallest GPS data logger in the world! With small in size, light in weigh and mini to hidden, ML-7 is the most suitable GPS data logger for you to apply the GPS logger to difference applications such as dove tracking, photo management, sport tracking and vehicle tracking. It will definitely be your best helper on your journey.

Features

- 51 independent tracking channels
- Ultra small size
- 2MB flash memory
- 2 days battery life

Applications



Specifications

General Descriptions	Parameters
Frequency	L1 frequency; 1575.42MHz support 51 independent tracking channels
Sensitivity	-146dBm
Update Rate	1Hz
Acquisition	Cold Start: 36 sec. Warm Start: 33 sec. Hot Start: 1 sec.
Reacquisition	<1 sec.
Dynamics	Altitude: 18000m (max.) Velocity: 515 m/sec. (max.) Vibration: 4G (max.)
Supply Voltage	DC 2.8~3.3V
Power Consumption	<30mA @ 3V (w/o active antenna)/ Tracking
Backup Battery	DC 1.2V(RTC Vcc)
NMEA Message	NMEA0183, default 9600 Output GGA, GLL, GSA, GSV, RMC, and VTG(The frequency of appearing sentences is adjustable.)
Datum	Default WGS-84
Serial Interface	RS-232, SPI
Weight	6.5g
PCB Size	38.5mm(L) x 14mm(W) x 10mm (H)
Dimension	43.2mm(L) x 17.4mm(W) x 13.2mm(H)
Battery	Include 140mA
Battery Life	36Hrs for 3min/point
Operating Temperature	-30 ° C to 85 ° C
Storage Temperature	-40 ° C to 125 ° C
Operating Humidity	<= 95%, non condensing
Accessories	USB to RS232 cable charger



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