



K-18U GPS Data Logger



Features

- No installation of driver or software
- Compatible with most micro SD cards
- Unlimited storing data capacity
- Saves GPS NMEA sentences (GPRMC and GPGLL)
- Saves files in chronological order automatically
- Connects to a computer as a removable flash drive
- Configurable motion sensitivity and data logging time interval
- Optional data checksum

Specifications

<i>Mechanical & Environmental</i>	
Dimensions	65.3 (L) 42.6 (W) 18.4 (H) mm
Weight	58g (battery included)
Built in Micro SD memory slot for micro	SD card (up to 2G storage, 6 million locations can be saved on a 1G micro SD card.)
Logged data file format: TEXT	(Location data includes longitude, latitude, altitude, time, speed and direction. GPRMC and GPGLL sentences)
Operating Temperature	- 20° C to + 60° C
Storage Temperature	- 20° C to + 85° C
USB battery charging	Yes
External battery charger	AC adaptor (5.3V output, 500mA)
4 LED indicators	GPS, memory status, charging and error/low power warning
<i>Power Use</i>	
Built in rechargeable 1100 mAh Li-ION	
Low power consumption	24 hours continuous use by 1 single battery charge
Motion sensor for power management (auto power on or goes to sleep mode)	Configurable
<i>GPS Specifications</i>	
<i>Receiver Type</i>	
50 acquisition channels	
L1 C/A code	
SBAS: WAAS, EGNOS, MSAS	
<i>Sensitivity</i>	
Tracking: -162 dBm	
Reacquisition: -160 dBm	
Cold start: -148 dBm (without aiding)	

<i>Time-To-First-Fix (in all modes, typical outdoor)</i>
Hot-start: 1s (without aiding)
Warm-start: 26s (without aiding)
Cold-start: 26s (without aiding)
<i>Antenna (Internal)</i>
Built-in low noise patch antenna

Ordering Information

700240020303 K-18U Data Logger EU
700240020305 K-18U Data Logger US
700240020306 K-18U Data Logger UK
700240020307 K-18U Data Logger AU

Note: Standard package includes a wall charger, a car charger, a USB cable, a 2G SD card and a software/documentation CD.