



K-16U Photo GPS & K-18U GPS Data Logger



Features

- GPS Module: u-blox LEA-5S
- Compatible with most of SD card
- USB Mass-storage functionality
- Saves Full GPS Sentence (GPGGA, GPRMC)
- Sleep Mode for Power Saving
- Anti-counterfeiting Data Management (optional)
- Configurable Setting
- Expandable battery for longer operation time
- Directly charge and download the data via USB cable

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 GPGGA 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)
<i>GPS Specifications</i>	
<i>Receiver Type</i>	
50 channels	
GPS L1 frequency, C/A code	
Up to 60,000 simultaneous search windows	
<i>Sensitivity</i>	
-160 dBm in tracking, superior urban canyon performance	
<i>Time-To-First-Fix (in all modes, typical outdoor)</i>	
Hot-start in <1 s (average)	
Warm-start in 29 s (average)	
Cold-start in 29 s (average)	
<i>Antenna (Internal)</i>	
Built-in low noise patch antenna	

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	22 hours continuous use for each battery charging cycles.
Vibration sensor for power management (auto power on or goes to sleep mode)	Optional
Auto power gUj]b[`a cXY k]\A `j]VfU]cb`gYbgcf	Optional
GPS data saving interval	1 second