

THE NEW KRONOS 100 - SIMPLICITY ON THE GO

KRONOS 100

The KRONOS 100 GPS SYSTEM Simple and effective.

The KRONOS L1 GPS system offers a lightweight, highly mobile GPS system which is built with simplicity and user-oriented features in mind. The KRONOS 100 is meant to be used for static survey work, offering users sub-centimeter accuracies with just a simple pre-operation set-up.

The KRONOS L1 GPS system product features:

1. Lightweight and portable
2. Cable-free and convenient system hook up on pole
3. Stop and Go feature incorporated
4. Capable of sub-centimeter static survey
5. Intuitive data collection
6. Built in blunder detection
7. Features Manual or Intelligent mode operation

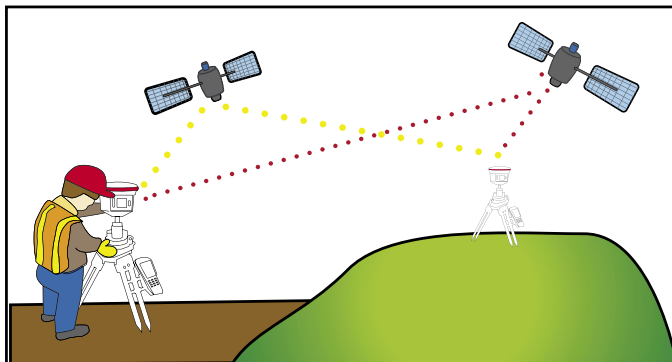


The KRONOS 100 Screen Shots



STATUS		LSTIME	
LONG	113.00°00.26"	08:00	
LAT	023.00°00.45"	RECTIME	
ALT	0000.000	000:00	
NAV MODE	2D	FREEMEM	
PDOP	0.0	16368K	
FIXED	00	PDOP0.0	
VISIBLE	00	A	
		B	
STAT SAT. TRK. ESC.			

TYPE: KRONOS 100		LSTIME	
USER:	3.10	16:00	
DATE:	2010.07.28	RECTIME	
COPYRIGHT:	HORIZON	000:00	
EXPDA:	2010.08.05	FREEMEM	
		03857M	
		PDOP0.0	
		A	
		B	
		ESC.	



KRONOS 100 TECHNICAL SPECIFICATIONS

Receiver	Independent 12 channels
Tracking signal	L1, C/A code
Memory	4G
Working time	Two batteries last 16 hours
Epoch interval	1 second—60 second
Phase center	on the center point of receiver top
Operation environment temperature	-40°C to +70°C
Storage environment temperature	-50°C to +80°C
Power input	6V-10V DC
Power	≤1.5 W
Weight of mainframe	0.6 Kg
Data transmit	High Speed USB
Azimuth	0-45
Initial collect satellite	≤60 seconds
Weather Proofing	Dustproof, sand-proof
Static accuracy	
Static horizontal accuracy	5mm±1ppm
Static vertical accuracy	10mm±1ppm
Single orientation accuracy	>5m
Operation Distance:	≤30 km

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