



T18 Data Collector

high-performance rugged reliable



The Howay T18 data collector is a Windows Mobile based handheld data collector optimized for use with SurvCE, Bluetooth connected GPS receivers and Robotic Total Stations with long-range Bluetooth based radios like the GeoMax Zoom90.



1 GHz Texas Instruments ARM CPU ·
512MB Ram · 1 GB flash storage · up to 32 GB uSD
Windows Mobile 6 / Windows Embedded Handheld



high-sensitivity internal 72 channel GPS



bright sunlight readable 3.7" VGA screen ·
resistive (stylus) touch screen ·
27-key numeric, arrow and fn keyboard ·
built in speaker and microphone ·
5 mega-pixel camera ·
rubber-bumper prevents cradle rocking



6,500 mAh Li-ion battery ·
10-hour+ operation with GPS and backlight on ·
charges with wall transformer or USB



Well connected:
3G GSM Modem 850, 900, 1800, 1900 MHz ·
802.11 Wi-Fi b/g ·
Dual Bluetooth: standard & long Range ·
heavy-duty type-B USB ·
Serial DB9-M serial



IP65 · water and dust proof ·
4' fall to concrete ·
1.2 lbs. with battery ·
1-year iGage warranty

T18 Data Collector Specifications

Price	T18 Kit includes: Howay T18, 6500mAH battery, 5V-2A Adapter, USB Cable, Serial Cable, Stylus, Hand Strap, installed and spare Screen Protector \$1,418 Kit T18 \$2,668 Kit T18 + Pole and Data Collector Brackets + SurvCE GPS \$2,913 Kit T18 + Pole and Data Collector Brackets + SurvCE TS + ROB \$3,913 Kit T18 + Pole and Data Collector Brackets + SurvCE GPS + TS + ROB Call iGage for current pricing or check the web: http://igage.com/T18/ Price includes UPS Ground Shipping to USA addresses
Overview	Processor 1 Ghz TI Cortex-A8 RAM 512 MByte ROM 1 GByte, expandable to 32-GB with uSD
Operating System	Windows Embedded 6.5 (5.2.29397)
GNSS Engine	SkyTraq Venus828F high sensitivity, 20-second cold start, GPS+BDS tracking
GNSS Measurements	2 M accuracy with WAAS
Camera	5 Megapixel; 3-seconds to take picture, 1-second to store full resolution picture
Touchscreen	Resistive touch screen (not capacitive) compatible with small stylus for precise registration
Wi-Fi	802.11 b/g
Bluetooth	Dual: Standard V2.1; Long Range V4.0 (Long Range is compatible with SurvCE 5.x and 6.x)
GSM (cell) Modem	3G GSM 850/900/1800/1900 MHz
USB	Type B Slave
Serial	DB9-M Serial Connection
Physical	Size: 7.9 x 3.8 x 1.3 inches; Weight: 1.2 lbs. with battery Operating temperature: -22°F to 140°F; Storage temperature: -40°F to 158°F Humidity: 100% condensation; Waterproof and dust proof: IP65 4 foot drop to concrete. Rubber bumper prevents rocking.
LCD Display	3.7" VGA 480w x 640h sunlight readable with precision resistive touch-screen
Electrical	Lithium-Ion battery capacity: 6,500 mAh 3.7 V 24 Watt, 10-hour+ field operation ¹
Data Collection Software	Available from iGage with Carlson SurvCE bundled
FCC ID	2AAZD-T1024WM
Warranty	1-year iGage warranty; accessories 1-year; batteries 90-days



What's in the T18 box?

- Data Collector
- USB Type B connector
- DB9-F to DB9F serial cable
- spare screen protector
- high speed wall charger
- pole and collector quick release brackets (optional)

¹ Battery life varies with backlight use, settings, temperature and battery age.

Prices, specifications and descriptions are subject to change without notice. Please call us for the latest information and a written price quotation.



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