

## i-gotU GT-120B GNSS Data Logger - Managing Large Deployments with Ease

**i-gotU GT-120B GPS / GNSS Data Logger - Water Resistant, 21g only, Managing Large Deployments with Ease (2022 Edition)**

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\$89.95 USD

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Sale Sold out

**Country of Origin:** Taiwan

### Volume Discount Table

Minimum Qty	Discount
5 +	3% off
10 +	4% off
100 +	5% off

The GT-120B is now out of stock. Since the manufacturer, i-gotU, has discontinued their business, no additional units of the GT-120B will be available. We are currently developing a replacement model, which is expected to be available by Feb 2026. Stay tuned and check back on this page for updates.

(USB / Wireless dual interfaces, GPS and QZSS multiple constellations, Windows, Android and IOS compatible)



Compared to previous models (i.e. GT 120) which are GPS, GT-120B is a GNSS logger that utilizes both GPS and QZSS constellations. It has multi-path detection, which dramatically eliminates ionospheric error and multi-path effects. Compared to previous GPS models, the data accuracy is significantly better.

GT-120B has USB and wireless dual interfaces, which allows data to be downloaded either via either USB or wirelessly. Rather than using the proprietary USB cable for GT-120, GT-120B uses a standard micro-USB cable.

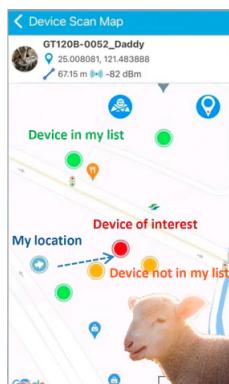
GT-120B can be used as an USB GNSS receiver with 1-10Hz update rates. When used as a GNSS data logger, the update rate is 1 Hz.



### Managing large deployments of GT-120B with ease

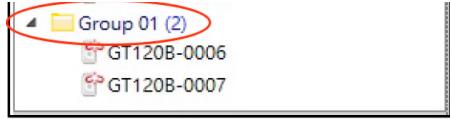
The i-gotU GT-120B comes with mobile and Windows apps which help manage a large number of loggers.

#### 1. You can view all your GT-120B devices on Google maps from your mobile phone app.

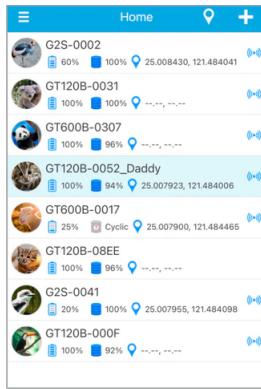


#### 2. You can self define a group, add loggers to the group and select tracks from the group.

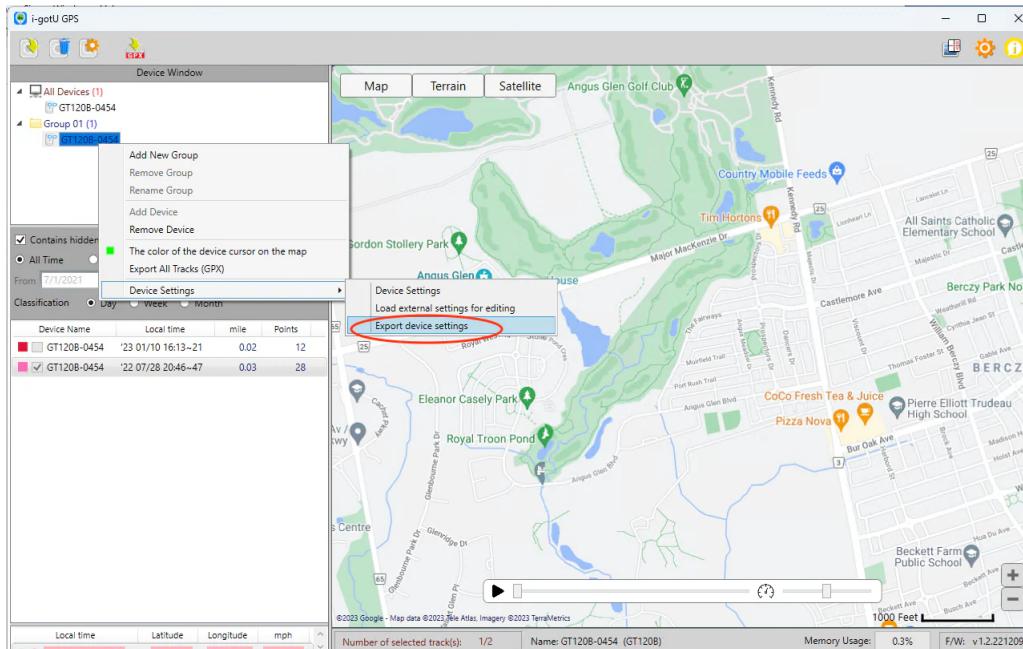




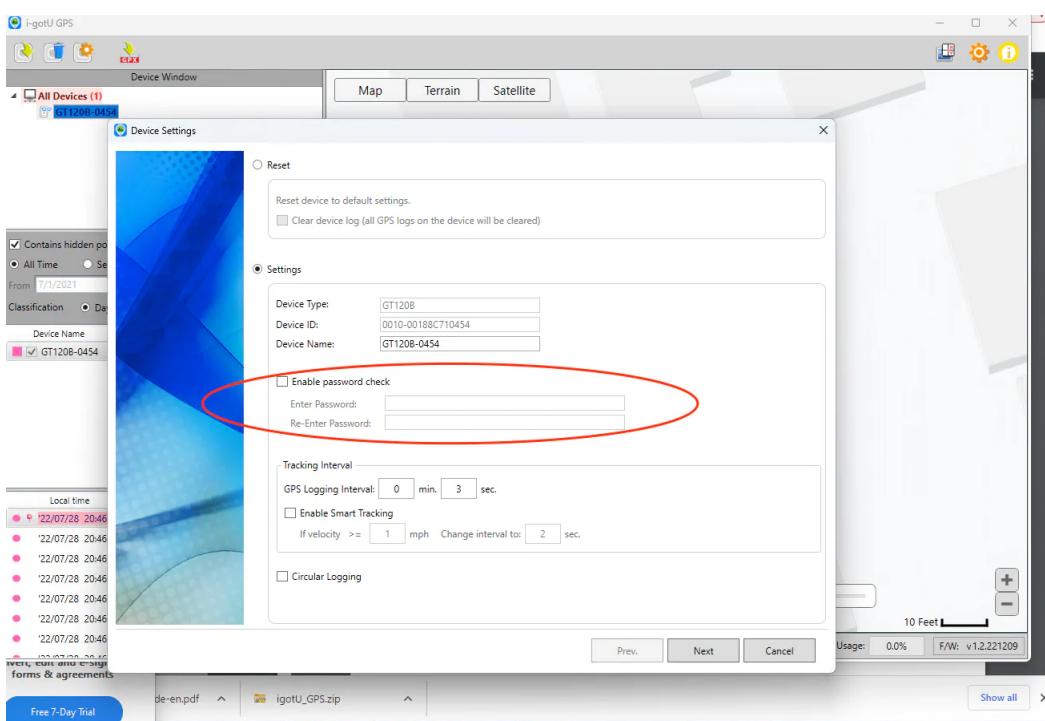
3. From your mobile phone, you can keep track of battery and memory statuses of all your GT-120B devices.



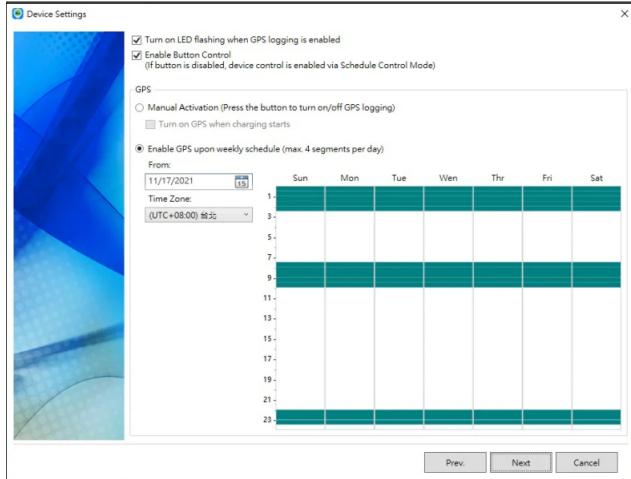
4. Not only can you backup your device settings, you can also standardize the settings of a bunch of devices by using import / export features.



5. If you want to protect the GT-120B data from unauthorized downloads, you can enable password check settings.



#### 6. GT-120B can be turned on / off by a predefined schedule.



#### Battery runtime by GPS log interval

GPS log interval	Battery runtime
1 sec	15hr
5 sec	15hr
10 sec	25hr
15 sec	60hr
30 sec	120hr
60 sec	180hr
60 min	2 months



#### Logging configuration options

Configurable GPS Logging interval	1sec~60min59sec
Circular Logging	YES
POI	YES
Scheduled Logging	YES
Merge scheduled waypoints	YES
Smart Tracking	YES
Power triggered auto-logging	YES



#### Technical Spec:

Dimension	44.5x28.5x13.8mm
Weight	21.5g
Wireless connect with mobile phones	Yes

Wireless Chipset	Nordic nRF 52820
Wireless range	20m
GPS Chipset	MTK MT3337
Antenna	Patch Antenna
Channels	22 tracking / 66 acquisition-channel GPS receiver; Supports up to 210 PRN channels;
GNSS support	GPS & QZSS
SBAS support	WAAS/EGNOS/MSAS/GAGAN
Other enhancement	12 multi-tone active interference cancellers (with ISSCC2011 award); Indoor and outdoor multi-path detection and compensation; Internal real-time clock (RTC);
RTCM ready	YES
NEMA support	NMEA 0183 standard V3.01 and backward compliance. Supports 219 different data
update rates for position	10 Hz
GPS Sensitivity	Acquisition: -148 dBm (cold) / -163 dBm(hot) Tracking: -165 dBm
Cold Start	< 35sec
Warm Start	< 34sec
Hot Start	<1 sec
USB cable	micro-usb, USB 2.0
Battery	380mAh
LED	Blue & Red
Operating Temperature	-10 ~ +50°C
Water-resist	YES
GPS Logger	YES
GPS Receiver	USB
Memory	65000
Motion Detection	NO
Disable Button	YES
Disable Wireless	YES
Disable LED flashing	YES
Setup wireless download password	YES
Enable wireless upon schedule	YES
Configure wireless broadcast interval	YES
Broadcast latest GPS position	YES
Configure wireless TX Power (output power of wireless signal)	YES
Rename device (such as nickname)	YES
Power Saving Option above 7sec	NO
Firmware update	via PC software
Device configuration	via USB or wirelessly
Data download	via USB or wirelessly
Combined maps	YES
GPS Data Import format	GPX
GPS Data Export format	GPX, CSV



**Software and compatibility:**

GT-120B comes with below software:

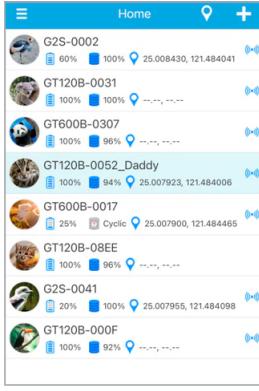
Windows App: compatible with Windows 7, 8, 10 & 10

iOS App: compatible with iOS 12 and above

Android App: compatible with Android 7 and above

#### "I-gotU GPS" IOS / Android apps:

GT-120B can connect to the "I-gotU GPS" app on iphone/Android wirelessly. The "I-gotU GPS" app has the below features:



#### Wireless configuration

Instead of connecting through a USB cable, you can now wirelessly change configuration settings of GT-120B through the iphone/Android app.

#### Wireless data download

You can wirelessly download the log data from GT-120B to your smartphone.

#### Battery and memory status on App

To check the status of the device's battery and memory, open the "I-gotU GPS" app.

#### Find my Device on Google Map

You can view the locations of your devices on Google maps from your mobile phone.

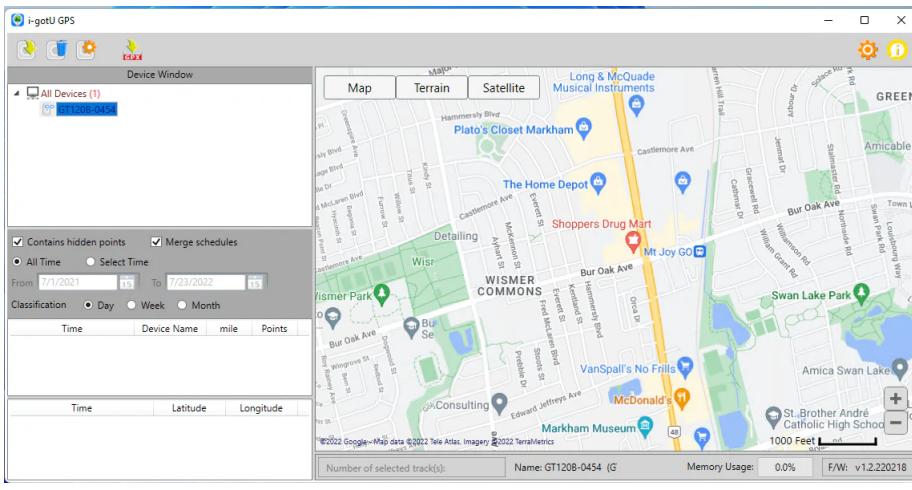
#### "I-gotU GPS" Windows application:

The new "I-gotU GPS" Windows software has the below new features:

playback group movement

measure distance from waypoint A to B.

measure distance from different anchor points.



#### Package content:

1 x GPS logger;

1 x USB cable;

(Does NOT comes with Jelly case or fastening strap.)

[View full details](#)