The GTAG930 system is designed for reading a variety of tags, such as 125kHz and 13.56MHz passive tags and 2.4GHz active tags (beacons), and sending the information to the app on the phone via Wi-Fi, Bluetooth, and USB. The system enables information management in an efficient manner that saves time and money.

The product is suitable for a wide range of businesses and activities such as: agriculture, logistics, shipments, education, medics, security and more.

Website Interface

Mobile Application

Active Tag

Passive Tag

Tag reader

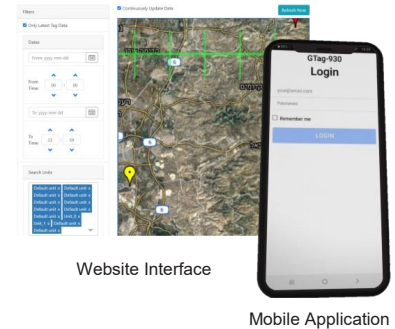Scan for more information:

Possible applications for the product:

» Shipment Tracking.

» Locating a product in a logistics warehouse.

» Display the location of the tag on a map in real time.

» Receive data from the field (sensors, battery status, RSSI).

» Expansion option according to user needs.

GTAG930 Advantages:

» Able to read active tags as well as passive tags.

» Able to read multiple tags simultaneously.

» The system is easy to use and implement.

.

8TEC established in 2012, offers a comprehensive R&D services from system design, hardware development, software design and complete turnkey services

our customers

(intel)   elisra   Elbit SYSTEMS OF AMERICA   Comm-IT   tytocare health is in your hands   BiTEL Technologies Ltd.

Wekah Sun   edete Precision Technologies for Agriculture   te   METEOR aerospace   ANTECO Security Systems   ELPD SMART-TECH LTD.

Specifications:

Items	Specifications
TAG READER	
MCU and Memory	
MCU	Two low-power Xtensa® 32-bit LX6 microprocessors
ROM (for booting and core functions)	448 KB
SRAM (for data and instructions)	520 KB
Integrated crystal	40 MHz crystal
Power Supply	
Operating voltage/Power supply	3.0 V ~ 5.0 V
Power consumption	Sleep mode: 2uA Idle mode: 5uA Average op.: 30 mA
Environment	
Size	76 x 70 x 11 mm
Weight	50g
Recommended operating temperature range	-40°C to +85°C
Interfaces	
Communication Interfaces	Wi-Fi, Bluetooth, BLE
Tags	Active and Passive tags
ACTIVE TAGS	
Size	30 x 10 mm
Typical battery life	18 months
Sensor packet format includes	Battery voltage, temperature, packet, RSSI
Compatible with common BLE beacon standards	✓
Frequency	2.4 GHz
PASSIVE TAGS	
Size	Multiple size
Data retention (according to IC datasheet)	10 years
Frequency	125 kHz and 13.56 MHz