



TagLINK Combo

Harnessing the Power of Proximity: Effortless Data Collection

TagLINK Combo combines both Bridge and Gateway functions in one compact solution for Wiliot® Pixel applications offering all in one.

Using advanced RF technology and Bluetooth® Low Energy (BLE), it energizes Wiliot® Pixels, picks their transmission and transmits their data to the cloud via cellular or Wi-Fi, ensuring real-time visibility.

The **TagLINK Combo** can run on external power, USB or internal batteries and offers versatile mounting options— wall mount, ceiling mount, or table stand—for easy deployment in various environments.

FEATURES

- 1 Near 360 Degrees Energizing Capabilities
- 2 12/24V Input Power / USB-C / Internal Battery (5Ah - Combo / 20Ah - Combo III)
- 3 4G cellular communication + WiFi
- 4 Designed for Both Automotive and InDoor Use
- 5 Works With Wiliot© Pixels





The device comes with 4G LTE CAT1 cellular module for cellular communication, supporting global standard band frequencies.



The device is equipped with a Wi-Fi Client capable of connecting to an external Wi-Fi hotspot.



The device features a Bluetooth® Low Energy communication module, enabling data transmission between the device and Wiliot Pixel Tags and any additional Bridge.

TECHNICAL SPECIFICATIONS

Communication	<ul style="list-style-type: none"> - Bluetooth® 2.4 Ghz / Omni directional antennas - RF 868MHz / 915MHz / Omni directional antennas - LTE CAT-1 (bands: 1,2,3,4,5,7,8,28) / Optimized embedded antenna - WiFi - 2.4GHz bands b/g/n / Optimized embedded antenna
Location	<p>GPS/GLONASS/GALILEO, Active antenna, Sensitivity -165 dB, NMEA0193, Acquisition (normal): cold <34s, warm <34s, hot <1s, accuracy: 2.5m CEP Embedded optimized antenna</p>
Connectors	4-pin Molex, USB Type C
Transmission Gain	<ul style="list-style-type: none"> - Works with Wiliot® - Up to +30 dBm 900 MHz band energizing signal - Up to +20 dBm 2.4 GHz band energizing signal
Power Supply	9-32VDC, 5V USB, ~500mA
Configuration / Firmware Update	OTA via Wiliot Platform
Dedicated Ports	Ignition On/Off, ERM eNET Port
Backup Battery	<p>Combo : Accommodates a single 5Ah rechargeable Li-ion battery. Charging time - up to 20 hours. Working hours: ~10.0 – 16.7 h</p> <p>Combo III : Accommodates 15.9Ah rechargeable 3.6V Li-ion batteries. Charging time - up to 10.5 hours. Working hours: ~31.8 – 53.0 h</p> <p>Consumption: Using Cellular - 560mAh (avg., without RF optimization) Using WiFi - TBD (avg., without RF optimization)</p>
Certifications	CE, E-Mark, FCC

ENVIRONMENT

Operating Temperature	-40 to 75° C
Storage Temperature	-45 to 85° C
Dimensions	10cm x 14.6cm x 3.5cm
Weight (NET)	400g
Durability	IP65 Vibration Resistance
Max. Relative Humidity	90(±2)%

ACCESSORIES



Table Stand



Wall Mount

- * *This device complies with applicable SAR limits when used at a minimum 20cm between the device and a human body.*