

**A New Standard  
For Wireless  
Chargers  
Wi-PL**



Wi-PL

# 1. Company Overview

## OVERVIEW

Company	IGC Co.,Ltd
CEO	Ingyu Kim
Business	Manufacturing(Product Development), Software Development
Product	Wireless charger, UX Interface, Voice recognition system, AI Software
Since	2014. 10. 01
Address	606, Gumi Halla-sigma Vally, 212, 1gongdan-ro, Gumi-si, Gyeongsangbuk-do, Republic of Korea
Tel/Fax	+82.1644.5287 / +82.505.845.2155
Homepage	www.igcomms.com

## VISION

**IGC** is a corporation that puts top priority  
on the development of  
**“New Interface”**  
 by ceaselessly pursuing innovations.



## HISTORY

- 2014 10.** IGC Co., Ltd. founded  
Exhibited and participated in the buyers' session at "IoT Japan 2014" in Tokyo, Japan
- 11.** Exhibited and participated in the buyers' session at the "2014 Creative Economy Expo" in Seoul
- 2015 02.** A KC certificate obtained (MSIP-RMM-igc-WIPL10B)  
The first production completed (2,000 sets)
- 03.** The design registered (No. 30-0788453)  
The trademark registered (No. 40-1095303)
- 04.** Exhibited and participated in the buyers' session at the "17th World Federation of Overseas Korean Traders" in GUMICO convention center
- 06.** A patent registered (No. 10-1539469)  
Wi-PL, a smartphone wireless charger holder, went on sale through distribution networks
- 07.** Homepage (www.igcomms.com) and company's shopping mall (www.wi-pl.com) open  
Selected for the support of the Small & Medium business Corporation to advance into overseas' giant distribution networks and got sales started: Japan(Rakuten)  
Selected for the financial support of the Small & Medium business Corporation for younger people business start-ups
- 08.** Selected as HIT500 by the Small & Medium business Corporation  
Exhibited at "KITAS Korea IT Peripherals Expo" in COEX
- 09.** Exhibited and participated in buyers' session at "GMV2015(Global Mobile Vision)" in KINTEX



# Market Situation for Wireless Chargers



Wireless Plug

## 2. Market Situation for Wireless Chargers



According to the recent report by HIS, a market research firm, the total number of wireless chargers (a transmitter-receiver) sold last year was about 55 millions, which is forecasted to double to **120 millions**, this year. If it goes on like this, the total number of wireless chargers **in the coming 2024 will be greater than 2 billion**. The market size **this year will**

**Increase to 1.7 billion dollars**

from 15 million dollars last year. **In 10 years**, it is expected to reach **15 billion dollars**.

(May 5, 2015, ET News)

HIS, a market research firm, forecasted that the market size will rapidly grow **from 21.6 million dollars in 2013 to 8.5 billion dollars in 2018** as the wireless charging technology expands into smartphones, appliances, and electric-automobiles. It is a 'jack pot' indeed, which is as much as

**40 times just for 5 years.**

(May 22, 2015, Chosunilbo)

A close-up photograph of a person's hands typing on a laptop keyboard. In the foreground, a white, dome-shaped wireless charging stand is mounted on a wooden desk. A gold-colored smartphone is placed on the stand. The background is softly blurred, showing the person's hands and the laptop. The right side of the image features a teal-to-green gradient overlay with white text.

**ABOUT  
Wi-PL**

Wireless Plug

# 3. ABOUT Wi-PL

## Product Features

Unlike the existing holders that require both hands for handling, it helps easily mount the smartphone with just one hand not interrupting the operation of the smartphone since it uses neodymium magnet.

It uses a nonslip pad and 28 neodymium magnets that are just powerful enough to make a safe and user friendly smartphone cradle of Wi-PL.

### Convenience for mounting on the magnetic holder



The position guidance technology of our own resolved the existing problem of charging efficiency that dramatically drops depending on charging positions.

The smartphone is automatically fixed at the most optimal position, providing the highest charging efficiency while preventing overheating problems.

The high efficiency of charging is greater than wired chargers for auto-vehicles, making it possible to charge even while using the GPS navigation screen and Bluetooth devices at the same time.

### High Charging Efficiency

Since the wireless charging receiver is equipped inside the cover or case, the exterior remains same while being charged.

A variety of smartphone cases are compatible with the receiver type which can be placed inside the phone case.

### Compatible with different Smartphones



# 3. ABOUT Wi-PL

## Comparison with Competitors



**Holder-type cradles**

**Weakness >>**  
 Low charging efficiency,  
 Inconvenient,  
 Thermal problem

**Measure >>**  
 Price competitiveness  
 secured by improving  
 productivity



**Mirror-type cradles**

**Weakness >>**  
 High price,  
 Inconvenient,  
 Obstruction to driver's view

**Measure >>**  
 Relatively lower price,  
 Highlighting the user  
 friendly convenience



**자석접점식 거치대**

**Weakness >>**  
 Attaching things, altering  
 exterior designs and using  
 power code are not allowed

**Measure >>**  
 Focusing on the simple setting,  
 Focusing on the minimum  
 exterior changes

Charging point not available  
 (Low efficiency)

inconvenient  
 holder-type cradle

limited compatibility with  
 different smartphones models

Similar  
 products

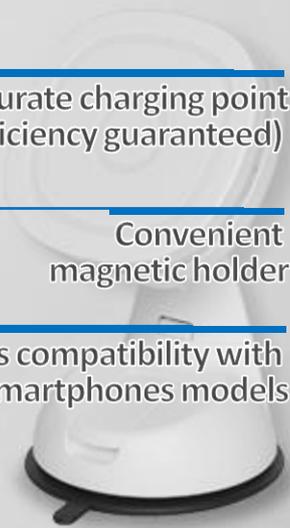
VS

**Wi-PL**  
 (Positing Guiding  
 Device)

Accurate charging point  
 (High efficiency guaranteed)

Convenient  
 magnetic holder

limitless compatibility with  
 different smartphones models





# 3. ABOUT Wi-Pl



The reverse side after mounting



Inside the mobile phone



## Setting

Since an insert-type of receiver equipped inside the cover, a user can keep freely using his/her smartphone case with no big changes in external appearance.

## Basic support handset

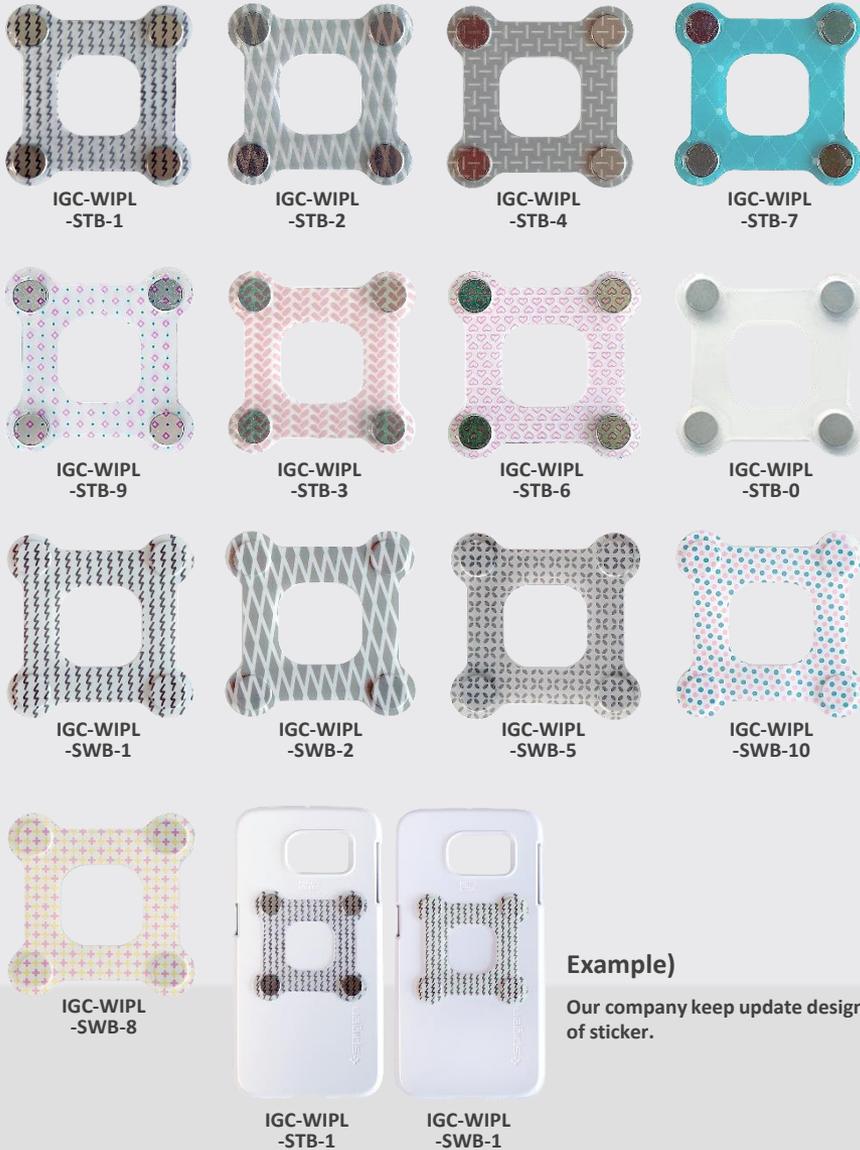
### Additional support available

Others device can be used with made-to-order receiver models.



# Option.

## Magnet Stickers



Example)  
Our company keep update design of sticker.

## Power Receivers

### iPhone 5 / 6 / 6 Plus



리시버디자인은  
변경될 수 있습니다.

### Galaxy Note2 / 3 / 4



### Galaxy S3 / 4 / 5



NEW  
WI-PL



WIPL15W-A



WIPL15B-C

Wireless Plug

Wi-Fi

**IG Communications**

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