Smart caddy robot







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We are creating a **new paradigm** for the popularization of golf.











Expertise

Integration of golf industry experience with ICT and robotics technology

Market viability

Implementation of rental services through the application of a sharing platform

Reliability

Application of LiDAR sensor control and robot control technology

Convenience

Meeting the diverse demands of golfers

Iirova

A global company leading the way in golf culture











- Registration of 6 patents related to HelloCaddy technology
- KC certification, FCC certification, JPMIC certification
- Quality Management System ISO 9001 certification



- Designation as an outstanding research and development innovative product
- Designation as a global leading company Designation as Best Small and Medium Businesses

Brand







ScOreCaddy

History

2014.12

· Establishment of Research and Development R&D Center

2016.08

- Development of robot cart tracking and navigation technology

2018.11

- · Mass production of HelloCaddy
- · Completion of KC/FCC certification
- · Attracted investment and signed marketing agreement with Kicks Go Go Company in the United States

HelloCaddy is

HelloCaddy is an optimized autonomous caddy robot that carries golf bags, follows golfers, and provides necessary information for the course and round



· Designation of intelligent cart robot as an innovative product

2021.01

· Establishment of local subsidiary in the United States (IROVA)

2022.12

2016.06

2017.07

2020.04

2020.10

· Relocation of headquarters

2021.12

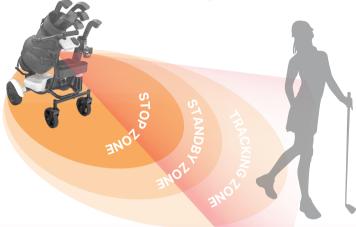
2023.05

- · Development of HelloCaddy

· Contract for local sales subsidiary in the United States (KGG Golf, Inc.)

Tracking

Recognizes the golfer and autonomously follows their walking direction and speed. Stops its movement when approached closely for club usage.



Motion Assist

Can be manually driven based on the surrounding environment, and when pushing or pulling HelloCaddy, the motor provides additional power, allowing it to easily climb inclines.



Hold Mode

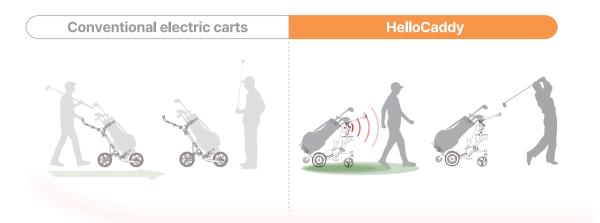
While in a stopped state, the electronic brake is activated for safety, allowing secure stopping on inclines and declines.





Behavioral Analysis Design -

Designed to minimize the golfer's range of motion during rounds by analyzing the golfer's behavior allowing for the convenient storage of clubs and access to necessary equipment.



Black Box

The 360-degree QHD high-resolution recording device captures the golfer's rounds, enabling analysis of the swing motion. It also records the surrounding environment, allowing preparation for unexpected situations.



Recording Round Information and Scoring

Provides essential round information such as course distance and strategies using control devices or smartphones. It also supports voice guidance when approaching hazardous areas. Additionally, it can pair with **ScoreCaddy** and device for automatic score entry.







W:720 mm **H**:865 mm

L: 1030 mm

| Size | 720 mm X 1030 mm X 865 mm | Climbing Capacity | < 15 ° |
|------------|--|-----------------------|-----------|
| Weight | 66 lbs | Maximum Speed | 6 mph |
| Battery | 36 V 15 Ah | Charging Time | 7-8 hours |
| Motor | Dual BLDC 350 W | Tracking Technology | Lidar |
| Options | Control Panel, Black Box | Max. Operating Time | 10 hours |
| Accessorie | Seat, Insulated Bag, Golf Bag Rain Cover | Max. Payload Capacity | 110 lbs |

* The Maximum Range was determined under a standard testing environment. The actual range may vary depending on the terrain, operation, payload weight, and maintenance conditions.





Golf as it's meant to be played



http://www.hellocaddy.net/



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