Robot Global Team

Product introduction

RGT. Inc

SIRBOT

RGT
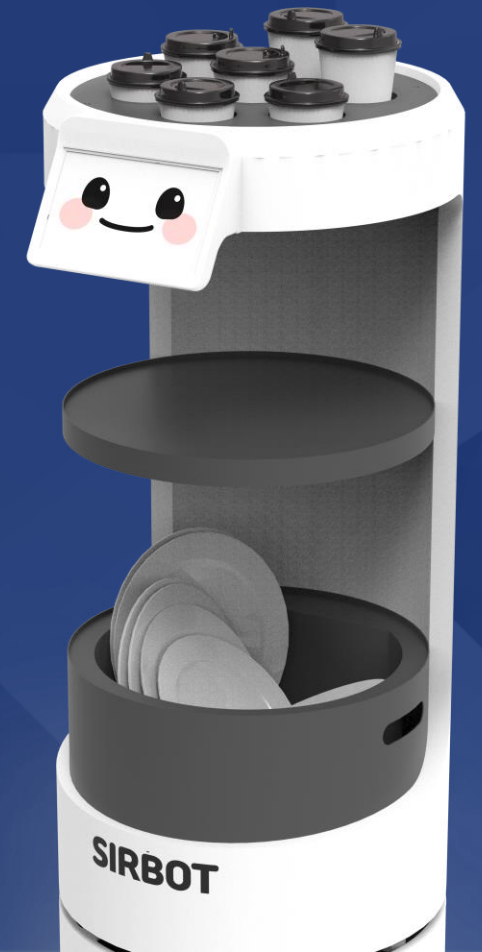
"Let us introduce <u>SIRBOT</u>,

our pride and friend"

Your friend.

SIRBOT

Improve customer and employee satisfaction with

SIRBOT

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SIRBOT family.

SIRBOT Round

size (mm)	440*497*1169
AVG VEL (m/s)	0.5
MAX VEL (m/s)	1.2
Gradient (°)	5
Weight (kg)	About 61
Payload(kg)	135
Charge Time (h)	2.5
operation time (h)	12.5
Tray (mm / ea)	405 / 3

SIRBOT square

size (mm)	413*537*1135
AVG VEL (m/s)	0.5
MAX VEL (m/s)	1.2
Gradient (°)	5
Weight (kg)	About 71
Payload (kg)	240
Charge Time (h)	4.5
operation time (h)	10
Tray (mm / ea)	460*350 / 4

SIRBOT order

size (mm)	440*497*1169
AVG VEL (m/s)	0.5
MAX VEL (m/s)	1.2
Gradient (°)	5
Weight (kg)	About 61
Payload (kg)	135
Charge Time (h)	2.5
operation time (h)	12
Tray (mm / ea)	405 / 3

SIRBOT orderpayment

size (mm)	440*497*1169
AVG VEL (m/s)	0.5
MAX VEL (m/s)	1.2
Gradient (°)	5
Weight (kg)	About 61
Payload (kg)	135
Charge Time (h)	2.5
operation time (h)	12
Tray (mm / ea)	405 / 3

All-in-one-Solution.

Experience the smart services of **SIRBOT**. **All necessary functions** for your store are **available**.

Call bell

Another roboto

Table order

bluetooth speaker

robot controller

SIRBOT

KIOSK

automatic door

POS

elevator

DID

App
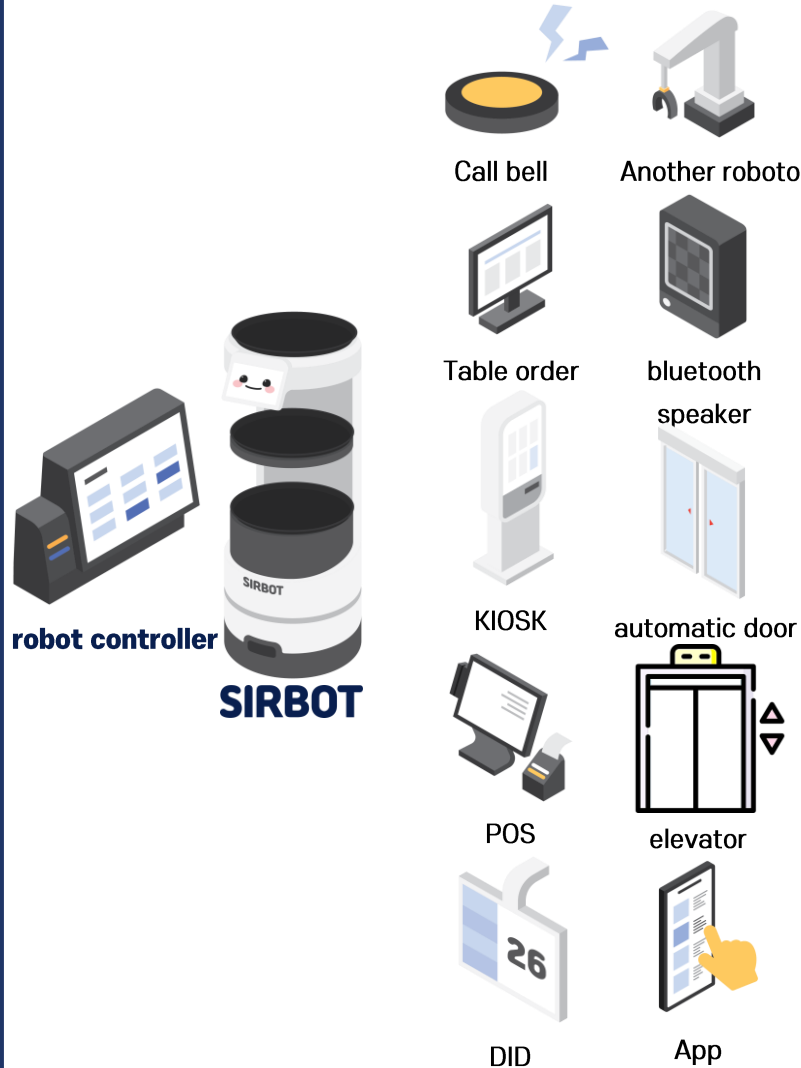
1 Smart Multi-robot system

You can adjust the unit number of the sirbot smartly because we have smart multi robot system.

2 Autonomous driving & Expert evasion

SIRBOT Autonomous driving by recognizing space without installing add other products.

3 Two driving modes (serving mode, cruise)

SIRBOT have a general 'Serving mode' and repeatedly driving through the designated area 'cruise mode'

4 Available default, various modules to help SIRBOT

Default SIRBOT is provided cup holder and bissing model, Therefore you can it in various situations at their convenience.

5 perfect insurance against accidents

SIRBOT have a PO/PL Insurance therefore guarantees personal property accidents. (Domestic only)

6 Anytime anywhere A/S

SIRBOT have nationwide A/S network in korea, so you can get quick and convenient A/S anytime, anywhere. (Domestic only)

SIRBOT Solution.

Robot controller

|	
CPU	Intel® Celeron™ J1900 (2.0 GHz) Quad-Core
Chipset	Intel® Bay Trail
Memory	2GB Standard, DDR3L 1600 MT/s, Socket 1 x SODIMM
Storage	SATA 2 (3Gb/s) 2.5 inch SSD 64GB, Support AHCI
Graphics	Integrated Intel HD Graphics
Display	15" TFT LED Backlight 300 cd/㎡ (1024 x 768 resolution)
Touch screen	Projective Capacitive Touch (Flat Type, 정전식 터치스크린)

Table order (pre/post-pay type).

Size (mm)	246 * 172 * 86
CPU	ARM-A55*8 @ 1.6GHz+1.2GHz 옥타코어 (64bit)
Memory	4GB DDR4
Storage	64GB Emmc
Display	25.6cm IPS 패널/ 해상도 1920*1200
Touch screen	10포린트 Corning gorilla glass 터치스크린
Audio	Built-in microphone / dual stereo speakers.

Call bell

Size (mm)	53*53*8
Weight (kg)	0.015
Number of call buttons	1개
Battery life	Approx, 2year (10,000call)
distance used	Approx, 100M (Open area)
Propagation	FSK
Frequency	447.9000MHz

Chime bell
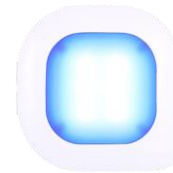
Size (mm)	107*107*32 (Excluding the stand.)
Weight (kg)	0.123
Standby power	38mA
Operating power	450mA (최대치)
Display area	6LED
Power supply	DC 12V / 1A (SMPS)
Frequency	447.9000 MHz

Bluetooth speaker

Power input	DC 5V / 1A
Audio output power	6W
Drivers	풀 레인지 스피커, 라디에이터
Bluetooth version	5.0
Bluetooth Range	20m
Waterproof and dustproof	IPX7
Playtime	15h
Charging time	2h
Charging port	C-TYPE

KIOSK

CPU	Intel® Celeron® J1900 (2M Cache, 2.0/2.42 GHz(Burst) 4 Cores)
Chipset	Intel® Bay Trail
Storage	SATA 2 (3Gb/s) 2.5 inch SSD 64GB, Support AHCI
Display	모델 상이
외장 I/O	6 (Rear 2, Back 4, USB 2.0 x 6) 3 (Reserved for MSR, SCR), RJ-45 LAN : 1 x Gigabit Ethernet, RJ-45

DID

Size (mm)	different from each other.

interlocking

How it works	Automatic door opens upon SIRBOT's arrival, and closes after SIRBOT passes through.

1 Robot controller

It is possible to check the order status and details from the kitchen, and to manage and control SIRBOT.

2 Table order (pre/post-pay type).

We provide robot and employee call services, order status (table number, order quantity, order amount), waiting status, menu na

3 Call bell

SIRBOT arrives at the designated location for the Call bell.

4 Chime bell

The Chime bell notifies the arrival of SIRBOT with sound or LED for your convenience.
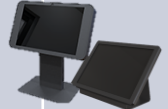
5 Bluetooth speaker

Using the speaker of the Bluetooth speaker, we provide periodic voice guidance or voice notifications upon the arrival of SIRBO

6 Auto door / elevator interlocking

SIRBOT can automatically open and close the auto door, and will open it to pass through if the driving path has an automat

SIRBOT Solution.

No	Solution	Recommended Environment	purpose
1	Call bell	a lot of bussing table	There is a call bell on the table, so customers or employees can call the robot to bussing table
2	Chime bell	Stores with rooms	When the robot arrives at the entrance of the room, the chime bell inside the room alerts with sound and LED
3	Table oreder	Stores that are understaffed or busy	Menu ordering or payment using table order, call for employees or robot
4	Robot Controller	Stores where communication between the hall and the kitchen is not smooth	When an order is received in the hall, it is checked in the kitchen, and when the cooking is completed in the kitchen, it is checked in the hall, and the robot controller
5	external robot	Stores that want unmanned or system	A robot that cooks automatically according to the order menu
6	KIOSK	Food court stores	Customers choose where to sit, automatic serving

We provide good memories through our SIRBOT.

RGT