



KEENBOT T8 / LASER

Specification sheet

Delivering cutting-edge solutions

With a rich heritage spanning 75 years, Gamble Foodservice Solutions is a market leader in the supply of globally renowned manufacturers offering innovative solutions to revolutionise the UK hospitality industry.

Gamble FS is trusted by our customers to bring to market the best solutions. With new technologies proving invaluable to drive productivity and efficiency, we have strategically partnered with world-leading brands to bring the best innovation to the UK.



KEENBOT T8/LASER

Inside the box

Specification sheet

Navigation system

Laser mapping system

Velocity

0.1 to 0.8 m/s

Compatible languages

Chinese, English, Japanese, Korean, Thai, Cantonese, German, French, Italian, Arabic, Vietnamese, Russian, Spanish, Portuguese, and other customisable languages

Tray dimensions

3 trays (Fixed)

The upper two: 383 x 342 x 220 mm

The lowest: 383 x 342 x 285 mm

Slope angle

≤ 5°

Included accessories

Charging cable x 1

Charging pile (optional)

Silicone tray mat x 2

Transportation box

Cushioning material for protection

Product manual x 1

Battery capacity

DC25.9V,20.8Ah

Control system

Touch screen and the Peanut App

Multi-robot collaboration

Maximum 5 robots

For more information

Get in touch:

<https://emea.softbankrobotics.com/>



Product Size (WxDxH)	462mm x 384mm x 1096mm
Product Weight	35kg
Number of Layers	2 trays
Load Capacity	20kg (5kg first two layers) (10kg for bottom layer)
Minimum Passage Width	60cm
Battery Life*	≥ 14 hours
Charging Time	5 hours
Operating System	Android (Interaction) Linux (Control)

* All battery claims depend on many other factors; results will vary. Battery life and charge cycles vary by use and settings.



Main features



Touch screen



LED light



3D Camera (for obstacle detection)



Stop button



Voice option



Trays x 2



3D camera (to detect obstacles)



Charging port and power button



LIDAR sensor (detect obstacles using laser)

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Braking distance

0.6 m (maximum moving speed & fully loaded)

Multi point delivery

Up to 20 tables

Operating temperature, humidity

0 - 45° C, RH: 5 % ~ 85 %

Operating environment

Indoor environment, flat ground, no dust

Storage temperature

-30° C - 60° C

Battery dismountable

No

Charging mode

Automatic charging with optional pile and manual charging by recharger

Charging pile dimensions

305 x 220 x 146 mm

Charging pile weight

2.2 kg

Sensing techniques

LIDAR

Stereo Vision

Image Module

Collision Sensor

IMU (Inertial Measurement Unit)

Sensor coverage

LIDAR detection range: 204°, ≥ 40 M, Stereo

vision range: 120°, 0.1-1.5m

Network

2.4G WIFI (2412-2472MHz)

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Accessories



Charging pile
(Optional)



Charger



Product Manual



Silicone pad
(x2)

Memory and internal storage

2G RAM + 16G ROM

Touch screen

10.1 inch (1280 x 800)

Robot colour

White



Robot material

- Aluminum alloy
- Acrylonitrile butadiene styrene (ABS)



Battery type

- Ternary lithium battery
- Approximately 5 years



Hazard information



Avoid using, recharging or leaving the machine in high temperatures



Do not carry out repair by yourself



Immediately stop using the machine if you notice anything unusual



Do not allow liquid, conductive foreign matter to enter inside or come into contact with the charging connectors or external connectors



Use only the charger that came with the machine



Please read the machine manual for more information

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In the box



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Product size with box (WxDxH).....40cm x 48cm x 112cm

Gross weight (Kg)45 kg

Net weight (Kg)35kg



Get in touch to speak to our sales team



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