

SMARTSPEED PLUS

TIMING GATE SYSTEM



Technical Specifications

HARDWARE SPECIFICATIONS

Dimensions (per unit)	103 mm (4.10 in) L x 103 mm (4.10 in) W x 233 mm (9.17 in) H
Weight (per unit)	920 g (2.03 lb)
Reflector size	122 mm (4.80 in) L x 99.35 mm (3.91 in) H
Shipped dimensions (incl. box)	630 mm (24.80 in) L x 380 mm (14.96 in) W x 620 mm (24.41 in) H
Gross weight*	25.8 kg (56.88 lb) (*based on travel cases packed with 4 gate system)

RANGE SPECIFICATIONS

Inter-unit	120 m (131.23 yd) (primary unit to furthest unit)
Bluetooth	30 m (32.81 yd) (primary unit to mobile device)
Gate setup	4 m (4.37 yd) (unit to reflector)

SYSTEM SPECIFICATIONS

Detection type	Time of flight LiDAR and reflector
Laser	635 nm visible aiming laser
Feedback	LED panels (40 x 16 resolution) 95 dB buzzer
Wireless	UWB IEEE 802.15.4 star network
Unit of time	1/1000th of a second

ELECTRICAL SPECIFICATIONS

Power	3.7V 10.4Ah Li-Ion removable and rechargeable battery
Battery life	10 hours active use (approx.)
Charging method	Four battery charge dock
Charge time	7 hours
Connectivity	USB-C port (accessory adaptor with PS2 accessory connectors)

ENVIRONMENTAL SPECIFICATIONS

Operating ambient temperature	0°C - 35°C (32°F - 95°F)
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SOFTWARE REQUIREMENTS

iOS

Compatible devices	All iOS mobile phones and tablets purchased after July 2017
Operating system	Minimum requirement - iOS 15

ANDROID

Coming soon

SMARTSPEED DASH

TIMING GATE SYSTEM

Technical Specifications



HARDWARE SPECIFICATIONS

Dimensions (per unit)	155 mm (6.10 in) L x 105 mm (4.13 in) W x 58 mm (2.28 in) H
Weight (per unit)	260 g (0.57 lb)
Reflector size	122 mm (4.80 in) L x 99.35 mm (3.91 in) H
Shipped dimensions (incl. box)	570 mm (22.44 in) L x 300 mm (11.81 in) W x 150 mm (5.91 in) H
Gross weight*	6 kg (13.23 lb) (*based on travel cases packed with 2 gate system)

RANGE SPECIFICATIONS

Inter-unit	60m (65.62 yd) depending on environmental wireless connection
Bluetooth	15m (16.40 yd) (primary unit to mobile device)
Gate setup	7m (7.76 yd) (unit to reflector)

SYSTEM SPECIFICATIONS

Detection type	Single beam photocell and reflector
Laser	635nm visible aiming laser
Feedback	3.3 kHz 90 dB buzzer
Wireless	IEEE 802.15.4 Bluetooth 4.0
Unit of time	1/1000th of a second

ELECTRICAL SPECIFICATIONS

Power	1900 mAh lithium-ion rechargeable battery
Battery life	8 hours active use (approx.)
Charging method	5 V Micro USB (supplied)
Charge time	7 hours
Connectivity	PS2 accessory port

ENVIRONMENTAL REQUIREMENTS

Operating ambient temperature	- 10 °C to 40 °C (14 °F to 104 °F)
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SOFTWARE REQUIREMENTS

iOS

Compatible devices	All iOS mobile phones and tablets purchased after July 2017
Operating system	Minimum requirement - iOS 11

ANDROID

Compatible devices	All Android mobile phones and tablets purchased after July 2015
Operating system	Minimum requirement - Android 5.1