MS626 Plus

Bluetooth 2D Ring Scanner

120 fps High scan rate 2D scanner I 19.4g Lightweight design I IP42 & 1.5M drop

Lightweight and Ergonomic Design

Weighing just 19.4 grams, the MS626 Plus features an ultra-lightweight, ergonomic design that delivers exceptional comfort during long hours of use. Its user-friendly form reduces fatigue and supports effortless, all-day operation—making it an ideal choice for mobility-driven environments such as retail, hospitality, warehousing, and field service.

Superior 2D Scanning Performance

The MS626 Plus combines a high-speed decoder with an advanced scanning engine to deliver exceptional performance. This powerful integration enables a scan rate of up to 120 fps, along with high-density barcode capture down to 3 mil and a scanning width of up to 75 mm. Designed for fast and accurate reading even in motion, the MS626 Plus reliably decodes most 1D and 2D barcodes—including those displayed on mobile device screens.

Hands-Free Operation

The MS626 Plus enhances operational flexibility with its comfortable, hands-free wearable design. Adaptable for both left- and right-handed users, it allows seamless hand-switching to reduce fatigue and maintain consistent productivity during long shifts. A touch-activated trigger key further supports effortless operation—even when wearing gloves—helping users stay efficient and protected as they work. Its ergonomic design aligns with the needs of fast-paced environments where mobility and continuous performance are essential.

Flexible Wireless Communication

Featuring Bluetooth 5.0 dual-mode connectivity, the MS626 Plus delivers stable and responsive wireless performance with a range of up to 20 meters in line-of-sight conditions. This reliable connection allows users to move freely throughout their workspace while maintaining uninterrupted data transmission. Whether working on the go or away from their primary station, the MS626 Plus supports sustained productivity through continuous, cable-free operation.

Compact but Durable

Despite its compact and lightweight build, the MS626 Plus is engineered to endure the rigors of everyday use. With an IP42 rating and 1.5-meter drop resistance, it provides solid protection against dust, moisture, and accidental impacts—ensuring long-lasting reliability in demanding work environments.

Features

- Ultra-lightweight and comfortable wearable design (only 19.4 g)
- High-speed 2D scanning performance: up to 120 fps
- Supports left- or right-hand operation for user flexibility
- Glove-friendly touch-activated trigger button for industrial environments
- IP42-rated with 1.5 m drop resistance
- Reads 1D and 2D barcodes, including digital codes on mobile or LCD screens
- Wireless connectivity for mobile workflows (Bluetooth 5.0)
- LED and buzzer indicators for instant decode feedback
- Full-shift battery life, with up to 5 hours per charge

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MS626 Plus
Specifications

Optical & Performance

Sensor	640 x 480 pixels
Aiming Element	Red LED
Illumination	White LED
Ambient Light	100,000 Lux (Sunlight)
Scan Rate	120fps
Skew Angle	±55°
Pitch Angle Sensor	±55°
Roll Angle	360°
Memory	2MB
Field of View	Horizontal 43°; Vertical 33°
Optical Resolution	3mil/ 0.075m
Printing Contrast Scale	10%
Depth of Field	5 Mil Code 39 : 50 ~ 150mm 13 Mil UPC/EAN : 65 ~ 315mm 15 Mil QR Code : 35 ~ 175mm 6.67 Mil PDF417 : 55 ~ 120mm 10 Mil Data Matrix: 50 ~ 120mm" 6.7mil PDF417: 6.6cm~65cm/2.6in.~25.6in. 10mil DataMatrix: 5.6cm~68.8cm/2.2in.~27.1in. 100% UPC(13mil): 6.4cm~180cm/2.5in.~71in. 15mil Code 128: 18.2cm~182.9cm/7.2in.~72in. 200mil DataMatrix: 20cm~1440cm/7.9in.~566.9in. 200mil QR: 25cm~1800cm/9.8in.~708.7in.

Communication

Radio	Bluetooth® 5.0 dual mode (Class 2)
Wireless Coverage	66 ft/ 20m (line of sight)
Host Interface supported	BT HID, BT SPP, BT BLE, USB HID, USB VCP

REGULATORY APPROVALS

CE, FCC, TELEC, VCCI, NCC, BSMI

Mechanical

Dimension	W27.6 x L46.2 x H26.8 mm
Weight	19.4g

Symbologies

1D Barcodes	Code 128, EAN-13, EAN8-, UPC-E, UPC-A, ISBN, ISSN, Code 11, Interleaved 2 of 5, Code 39, Code 93, Code 32, Codabar, Matrix 2 of 5, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI Plessey, GS1 Databar, Febraban, Composite
2D Barcodes	QR Code. Micro QR Code, PDF417, MicroPDF417, Data Matrix, Aztec, MaxiCode, HanXin, Dotcode

Electrical

Operation Voltage	3.7 VDC ± 5%
Current Consumption	Working Current: < 210mA Standby Current: < 25mA
Indicator	LED, Buzzer
Battery Capacity	3.7V, 240mAh

Environmental

ESD Protection	Functional after 4KV contact, 8KV air discharge
Mechanical Shock	1.5M onto concrete
Operating Temperature	-10˚C ~ 50˚C
Storage Temperature	-20˚C ~ 60˚C
Charging Temperature	10°C ~ 45°C
Relative Humidity	0% ~ 95%RH (Non-condensing)
IP Rating	IP42

Accessories

USB Type-C cable
Velcro Strap

What comes in the box

MS626+ Scanner
USB Type-C cable
Velcro Strap

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