MS626
Wireless 2D Ring Scanner

MS626 is a lightweight, wearable 2D wireless ring scanner that enables hands-free scanning for mobile operators who work with iOS® and Android® smart phones and other mobile devices. With built-in Bluetooth® 5.0 technology and disinfectant-ready housing, MS626 provides 32 feet of wireless data transmission and microbe-free scanning experience.

Fast 1D & 2D Barcode Data Capture
MS626, in an average of 1/10 of a second, scans all linear barcodes and major 2D barcodes printed on labels with either matte or glossy surfaces, or displayed on mobile phone or LCD screens. The MS626 2D wireless ring scanner also delivers superior scanning in any orientation, which benefits enterprise with less downtime and increasing productivity.

Ergonomic Design for Mobile Operation
MS626 provides the user freedom of movement to perform barcode scanning tasks comfortably while keeping both hands free. Thanks to the patented dual touch activated switches, the Velcro strap doesn't have to be tied too tightly; it prevents poor blood circulation and occupational injury as well as increases operators' satisfaction.

Right and Left-Handed, With or Without Gloves
MS626 allows mobile operators to wear on either their right or left hand according to user's preferences, and is comfortably useable with or without gloves. With a built-in memory of 2MB, MS626 can store data scanned in user-friendly file format when it is operated in memory mode.

Anti Microbial Scanner for Healthcare Uses
Built with anti-microbial technology, MS626 can endure repeated alcohol or bleach cleaning and can help prevent the reproduction and spread of bacteria among users in hospitals. The disinfectant-ready MS626 2D wireless ring scanner enables caregivers to quickly identify patients and dispense medications, keep up-to-date records, and manage medical supply inventory.

Main Features:
- Lightweight and unique wearable ring design
- Capable of reading linear barcodes from mobile device screens
- Robust wireless communication with 32-foot operation range
- Rugged and durable design withstands 5-foot drops
- Easily pair to smart phones and tablets, like iOS and Android devices
- Batch data transfer from scanner to computer via USB port
- IP42-rated environmental seal against water and dust
- Full shift battery life of up to 8 hours
- Warranty: 1 year

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Optical & Performance

Scanner	5mil (1D barcode) 6.67mil (2D barcode)
Light Source	White LED 625nm Red LED
Sensor	640 x 480
Scan Rate	60 Frames/Sec
Resolution	5mil (1D barcode) 6.67mil (2D barcode)
Scan Angle	Horizontal 42° Vertical 31.5°
Pitch Angle	±60°
Skew Angle	±30°
Skew Angle	360°
Print Contrast	40%
Width of Field	156mm (13Mil Code39)
Memory	2MB (20,000 barcodes)
D.O.F	800 lux enviroment Code39, 5 Mil: 45 ~ 145 mm UPC/EAN, 13 Mil: 65 ~ 345 mm QR Code,15 Mil: 35 ~ 165 mm PDF417, 6.67 Mil: 55 ~ 120 mm Data Matrix,10 Mil: 50 ~ 115 mm

Physical Characteristics

Scanner Dimension	1.08 W x 1.8 L x 1.06 H in
Scanner Weight	.50 oz (including Velcro strap)
Color	Black and Yellow
Material	PC+ABS
Cable	5 ft (Micro USB Cable)
Trigger	Capacitive sensor *2 for left and right buttons
Indicator	LED, Buzzer

Power

Operation Voltage	3.7VDC ± 5%
Working Current	< 190mA
Standby Current	< 25mA
Battery	3.7V, 240mAh, Li-Polymer Battery
Number of Scans (per full charge)	4500 scans (1 scan / 5 secs, BT connected)

Connectivity

Radio	Bluetooth 5.0 dual mode (Class 2)
Range	33 ft/ 10m (line of sight)
Interface/ Profile	BT HID, BT SPP, USB HID, USB VCP, Memory

User Environment

Operating Temperature	23°F ~ 122°F (10° ~ 50° C)
Storage Temperature	-4°F ~ 140°F (-20° ~ 60° C)
Humidity	0% ~ 95%RH (Non-condensing)
Drop Durability	5 ft
Sealing	IP42
Ambient Light	100,000 Lux (Sunlight)
Symbologies	**1D:** UPC-A/UPC-E, EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 2 of 5, Code 11, Code 93, Code 32, Code 128, Standard Code 39, Code 39, Interleaved 2 of 5, MSI Plessey Code, UK Plessey Code, EAN/UCC 128, IATA Code, GS1 Databar **2D:** QR Code, Micro QR Code, PDF417, Data Matrix, Aztec

Regulatory

ESD	Functional after 4KV contact, 8KV Air discharge
Environmental	WEEE, RoHS 2.0
Medical Compliance	ISO 22196 (JIS Z 2801), ISO 11737-1/2