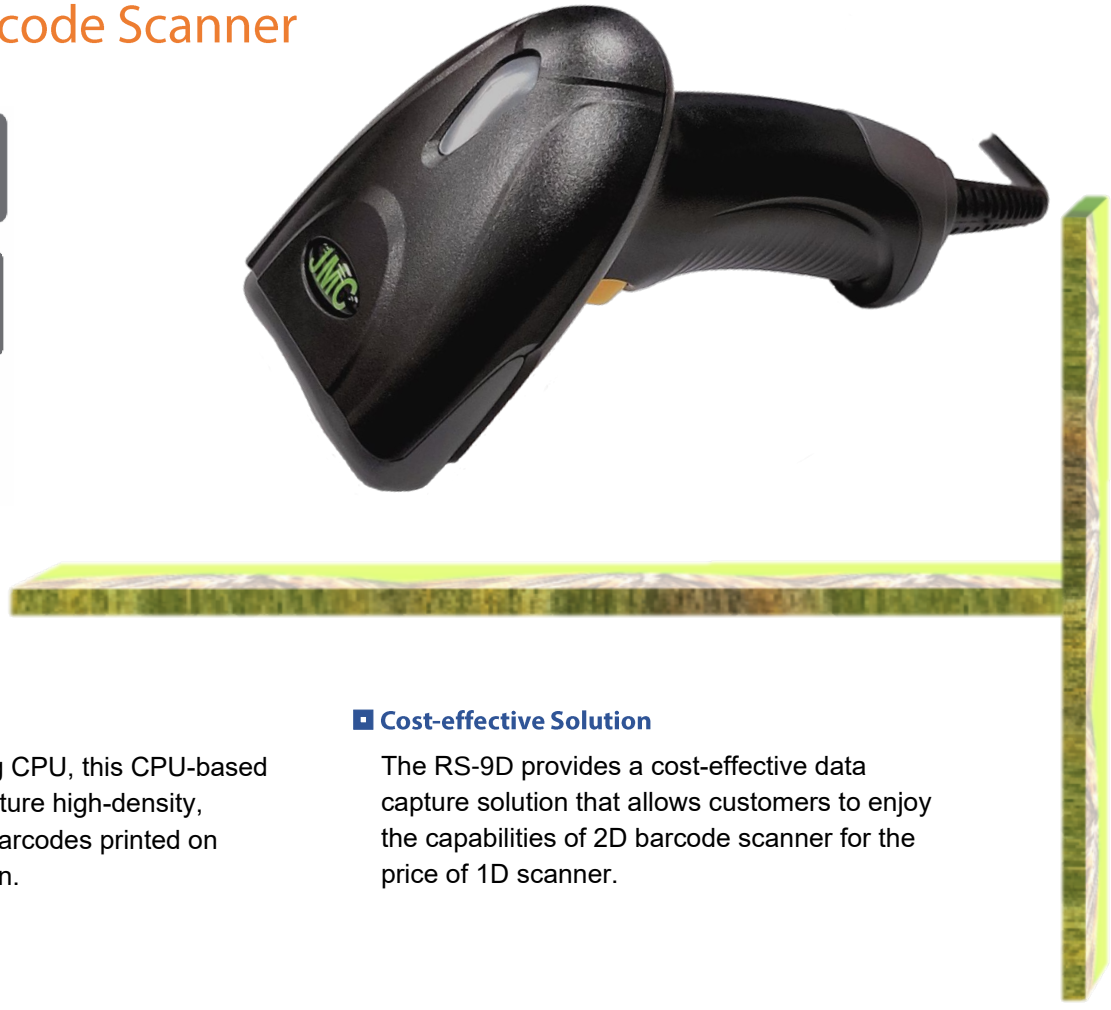
RS-9D

2D Handheld Barcode Scanner



Features

Outstanding Performance

Equipped with a outstanding CPU, this CPU-based scanner can effortlessly capture high-density, high-volume and distorted barcodes printed on paper or displayed on screen.

Cost-effective Solution

The RS-9D provides a cost-effective data capture solution that allows customers to enjoy the capabilities of 2D barcode scanner for the price of 1D scanner.

Elegant Appearance

Blending ergonomics and aethetics in tis design, the RS-9D not only ensures operator comfort and productivity for intensive handheld scanning but also meets the aethetic needs of the O2O era.

Durable Construction

The RS-9D, built into an IP42 sealed and drop resistant (1.2M) housing with no moving parts, fortifies itself inside and out.

Application Scenarios

O2O applications, purchase-sales-inventory management, ticket/voucher management, office automation.

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2D Handheld Barcode Scanner

Performance	Image Sensor		640×480 CMOS
	Illumination		White LED
	Aiming		Red LED (625nm)
	Symbologies	2D	PDF417, Micro PDF417, Micro QR, QR Code, Data Matrix, Aztec.
		1D	Code 11, Code 128, Code 39, GS1-128 (UCC/EAN 128), AIM 128, ISBT 128, Codabar, Code 93, UPC-A, UPC-E, Coupon, GS1 Composite, EAN-8, EAN-13, ISBN/ISSN, Interleaved 2 of 5, Matrix 2 of 5, Industrial 25, ITF6, ITF-14, Standard 25, China Post 25, MSI Plessey, Plessey, GS1 Databar (RSS).
	Resolution*		≥3mil (Code 128)
	Typical Depth of Field*	EAN-13	50mm-260mm (13mil)
		Code 39	50mm-115mm (5mil)
		PDF 417	50mm-120mm (6.7mil)
		Data Matrix	35mm-125mm (10mil)
		QR Code	30mm-170mm (15mil)
	Scan Angle**	Pitch	±55° (QR 15mil)
		Roll	360° (QR 15mil)
		Skew	±55°(QR 15mil)
	Field of View		Horizontal 45°, Vertical 34°
	Min. Symbol Contrast		20%
Physical	Interfaces		RS-232, USB
	Dimensions (L×W×H)		145×101×68mm
	Weight		111g
	Notification		Beep, LED indicator
	Operating Voltage		5VDC±5%
	Rated Power Consumption		950mW (typical)
	Current @ 5VDC	Operating	190mA (typical), 201mA (max.)
		Idle	35mA
Environmental	Operating Temperature		-20°C to 60°C (-4°F to 140°F)
	Storage Temperature		-40°C to 70°C (-40°F to 158°F)
	Humidity		5% ~ 95% (non-condensing)
	ESD		±15 KV (air discharge); ±8 KV (direct discharge)
	Drop		1.2m
	Sealing		IP42
Certifications			FCC Part15 Class B, CE EMC Class B

*Test conditions: T=23°C; Illumination=300lux using incandescent lamp;

**Test conditions: Scan Distance= (min. DOF + max. DOF)/2; T=23°C; Illumination=300lux using incandescent lamp;
2D: QR Code; 10 Bytes; Resolution=15mil; PCS=0.8.