

RS3000 Series

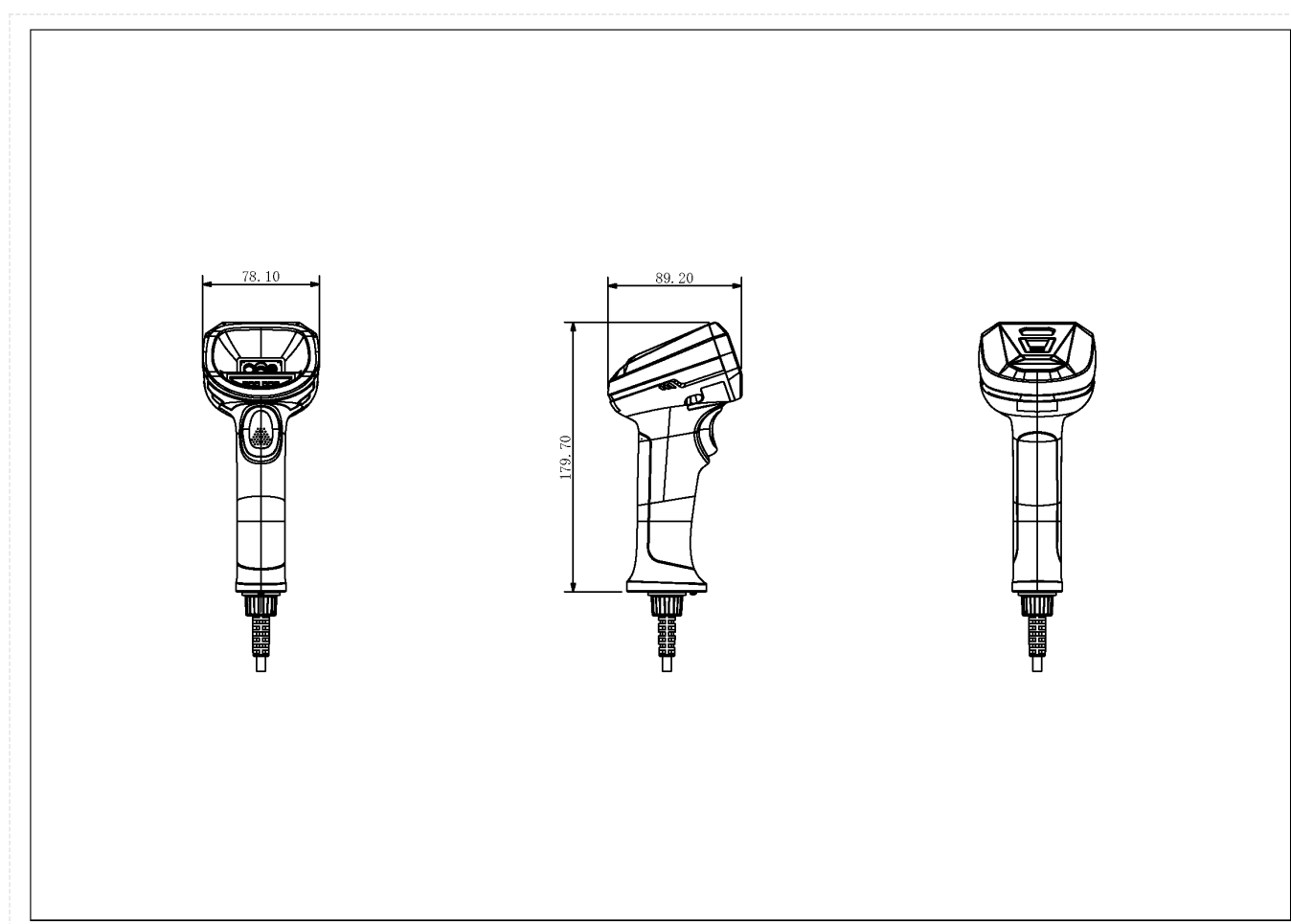
RS3013MG-05-MGGF1E



Features

- • Highly efficient AI algorithm ensures excellent code reading performance in complex scenarios
- • Integrated three-color(Red/White/Blue) illumination, actively switches to the optimal light source
- • High frame rate CMOS image sensor with 1280*1024 resolution enables high accuracy and fast scanning
- • Ergonomic and Reliable mechanical design makes operation comfortable and durable in industrial environment
- • Intelligent tuning tool provides optimal settings for Direct Part Mark(DPM) code reading
- • Variety Industrial Communication Protocols supported

Dimensions (mm)



Specification

Model		RS3013MG-05-MGGF1E
Basic	Resolution	1280×1024
	Max. Frame rate	50fps
	Shutter Mode	Global
	Scanning System	Key push scan, Auto sensing scan
	Software	EasyID
	Certifications	CE, KC
	Function	1D : Code 39, Code 93, Code 128, ITF 14/25, CodaBar, EAN8, EAF13, UPCA, UPCE、 Pharmacode ; 2D : QR Code, Data Matrix、 Micro QR、 QR Model1、 PDF417
	Light Source Type	Red/white/blue three-color integrated light
Performance	Min. Resolution	4mil
	Depth of Field (DoF)	1D : Code39 (5 mil) : 40~ 160 mm Code128 (10 mil) : 10~ 400 mm 2D : QR Code (7 mil) : 65~ 120 mm Data Matrix (10 mil) : 30~ 200 mm QR Code (15 mil) : 15~ 280 mm QR Code (20 mil) : 20~ 400 mm
	Field of View	Horizontal 43°, vertical 36°
	Detection angle	Tilt angle ± 60°, skew angle ± 60°, rotation angle 360°
	Print contrast	0.15
	Sight	Red cross laser aiming
	Prompt method	Buzzer. LED indicator, Vibrator
Port	Connector	Fast Ethernet (100 Mbit/s), RS-232, DC terminal
	Communication protocol	SmartSDK, TCP Client, Serial, FTP, HTTP, TCP Server, Profinet, MELSEC, Ethernet/IP, ModBus, Fins ; RS-232
	LED Indicator	Buzzer. LED indicator, Vibrator
Power	Power Supply	DC 12 ~ 24V
	Power Consumption	2.5W(standard);4.5W(Max)
Structure	Product Dimensions	89 mm × 78 mm × 180 mm
	Net Weight	Approx.210g (Without cable)
	Protection	IP54
	Drop Test Height	1.8m
Environment	Operating Temperature	-20℃ ~ +50℃
	Operating Humidity	20% RH to 80% RH (no condensation)
	Storage Temperature	-40℃ ~ +70℃