

RS3000 Series

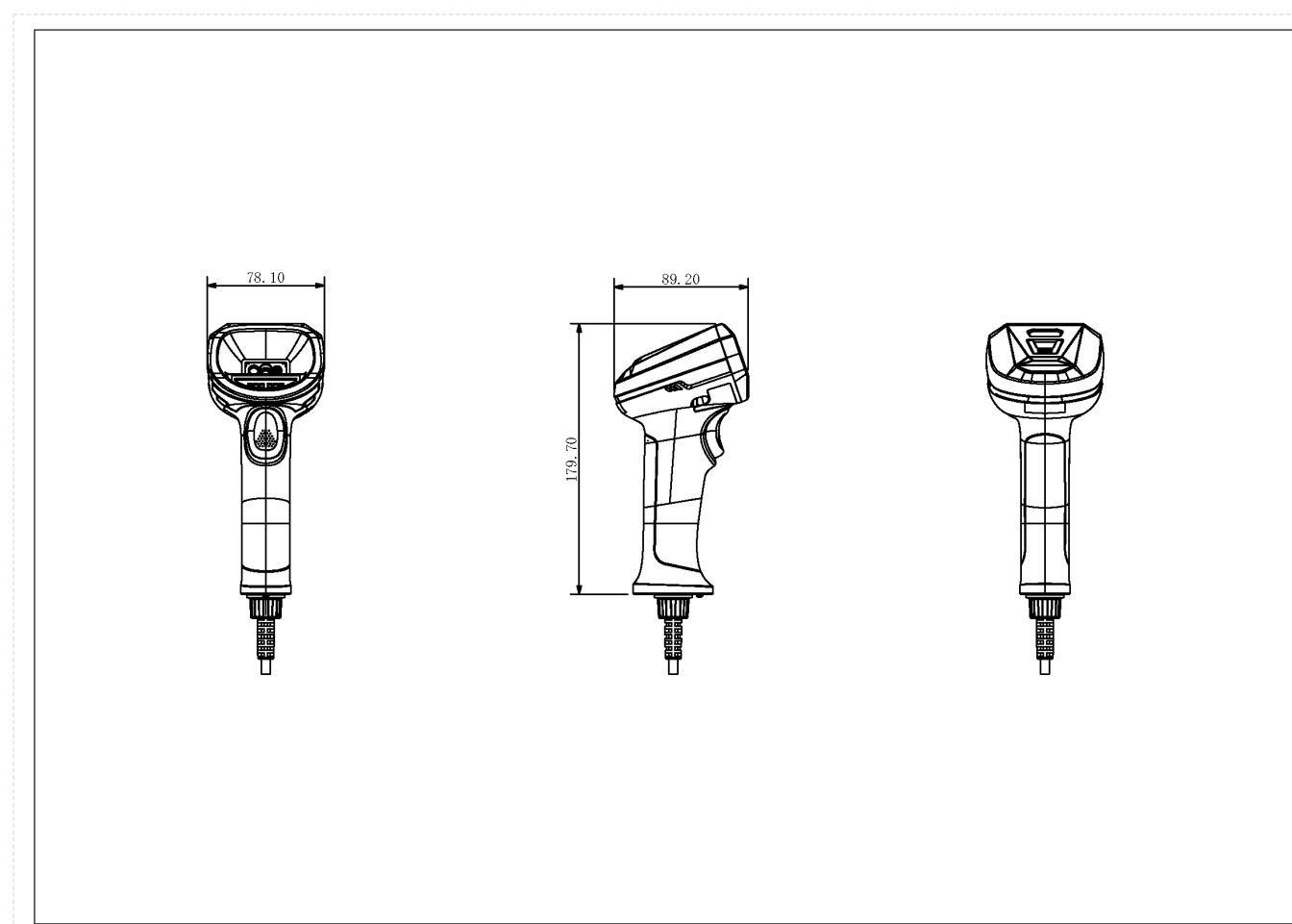
RS3013MU-05-MGGN1E



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

Dimensions (mm)



Specification

	Model	RS3013MU-05-MGGN1E
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, EAN13, 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	3mil
	Depth of Field (DoF)	1D : Code128 (3 mil) : 35 ~ 80 mm Code128 (10 mil) : 10~ 200 mm Code39 (5 mil) : 15~ 100 mm Code39 (20mil) : 0~ 250 mm 2D : QR Code (5mil) : 30 ~ 70 mm QR Code (20mil) : 10 ~ 240 mm Data Matrix (10 mil) : 5~ 115 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	USB2.0, RS-232, DC terminal
	Communication protocol	SmartSDK, USB(HID), RS-232
	LED Indicator	Buzzer, LED indicator, Vibrator
Power	Power Supply	5 VDC(USB) ; Support DC12V ~ 24V wide range voltage input
	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°C ~ +50°C
	Operating Humidity	20% RH to 80% RH (no condensation)
	Storage Temperature	-40°C ~ +70°C