



SGBS-960

WIRELESS 2D SCANNER

Mobile solution using radio transmission



The SAGA range of scanning solutions includes the SGBS-960 new design **wireless scanner**.

The SGBS-960 is the 2D imager scanner designed for mobile use more than 100 metres away from its receiver via **2.4G radio frequency** or **Bluetooth connection**. It is a powerful reader capable of handling 1D and 2D barcodes including on smartphones and tablets. The LED line at the top of the handheld scanner and on the charging station indicates when it is switched on, and gives it a dynamic, modern look.

The SAGA 2D mobile scanner has a **rechargeable battery** with a USB *cradle* for over 27 hours of continuous use. It is supplied as a kit including the USB cable, tiltable charging station and quick programming manual.



PRODUCT ADVANTAGES

- Supplied in kit form: USB charging station and simplified programming manual
- 2.4G radio or Bluetooth communication
- Revamped design for improved handling

SCANNER SPECIFICATIONS

Image sensor	CMOS - 1D/2D imager, 32-bit ARM CPU
Light source	Red and white light-emitting diode
Scanning speed	60 scans/sec
Transmission type	2.4G radio and Bluetooth
Max. operating distance	100m from the charging station (open spaces) in 2.4G and 10 m from the charging station in Bluetooth (open spaces)
Image size	640x480 pixels
Depth of field	50 - 390 mm (13 mil code39)
Scanning accuracy	4 mil
Operating mode	Manual and automatic
Code type	1D: Codabar, Code11, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar (RSS14), GS1 DataBar Limited, GS1 DataBar Expanded, etc. 2D: PDF417, Micro PDF, QR Code, Micro QR, Data Matric, Aztec Code
Interface	USB, USB-VCP
Scanning angle	Elevation +/- 60°, Corner 360°, Deflection +/- 60°
Indicator	LED and buzzer
Memory	Up to 520,000 characters including 40,000 EAN13



POWER SUPPLY

Charging mode	Wireless on USB base
Charge time	4h50
Voltage	DC 5 Volts - 250 mAh
Battery capacity	2600mAh replaceable, 27h continuous operating time

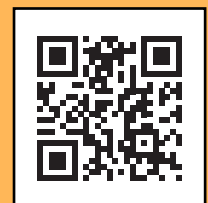
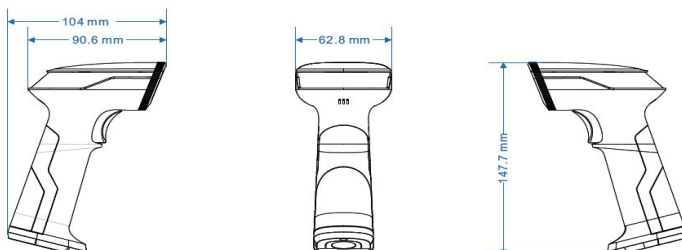


PHYSICAL SPECIFICATIONS

Hand-held scanner dimensions	Hand-held scanner: L x W x H: 147.7 x 90.6 x 62.8 mm Base: L x W x H: 164.70 x 71.10 x 52.6 mm
Hand-held scanner weight	Hand-held scanner: 188.4 g Base: 318.3 g
Materials	ABS +PC plastic
Cables	Charging station power supply Type USB -C

ENVIRONMENT

Operating temperature range	-10° to 50°C
Storage temperature	-20°C to 60°C
Humidity	Relative humidity of 5% to 95%, without condensation
Primary light source exposure	Up to 100,000 Lux
Shock resistance	Will withstand a fall from up to 1.5m
EMC	CE, FCC Compliant DOC



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