

GS R1523 Thumbbutton Barcode Scanner

Warm White Illumination along with Red Cross Laser Aiming Enhanced Accuracy, Speed, and User Comfort

Warm white illumination reduces glare and reflection, making barcodes easier to read in bright or highly reflective environments. Red cross laser ensures precise targeting even in low-light or high-contrast conditions. In addition, cross laser provides a clear visual guide, helping users accurately align the scanner with the barcode, reducing misalignment errors and minimizes the need for multiple scan attempts. The combination of warm white illumination and red cross laser enhance the readability of low-contrast, faded, or damaged barcodes. What's important is the warm lighting is softer on the eyes, reducing eye strain for workers performing repetitive scanning tasks.

Versatile wearable options

With Thumbbutton, workers can wear the scanner around their neck, on a belt, or hold it in hand—easily switching between left and right hand as needed. These versatile carrying options ensure the scanner is always within reach, making it perfect for tasks that require frequent but intermittent scanning, such as in retail or event management. Worn the scanner around the neck by a lanyard, it hangs around the neck securely when not scanning, keeping hands free for other tasks. This convenient access makes it an ideal solution for occasional scanning, ensuring efficiency and ease of use throughout the workday.



Maximum ROI with multiple replaceable parts

The removable and swappable battery and trigger assemblies and retractable lanyard compatible with all the Generalscan scanner bodies, maximizing return on investment. This seamless interchangeability enhances flexibility and maximizes your return on investment, ensuring long-term efficiency and cost-effectiveness.



Application Fields

R1523 can be widely used in manufacturing, warehousing, logistics, retail and express transportation, and has incomparable advantages in improving production efficiency and accuracy. In logistics, warehousing and other scenarios where fast scanning is required, precise cross aiming helps to improve scanning success rates, even when the target barcode is in motion.

ACCESSORIES



Bluetooth Dongle
GS GDA201



Battery charger
GS GCR202(8-slot)/203(16-slot)



Battery Charger
GS GCR201(Dual-Slot)



Armband
(AB1800)



Thumbbutton trigger button + Lanyard

PRODUCT SPECIFICATION

Wearable Barcode Scanner GS R1523

PHYSICAL PARAMETER

Dimensions	66.5mm(L) × 34.7mm(W) × 25.2mm(D)
Weight	27.0g(Scanner body)
Battery Capacity	600mAh
Charging	5V ∓ 1A
Charging Time	120min
Battery Life	18.5h(scan once in 5 seconds)
Notification	LED, Buzzer, Vibration

PERFORMANCE CHARACTERISTICS

Optical Resolution	640×480 pixels
Shutter	Global Shutter
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±55° from normal Pitch tolerance: ±55° from normal Roll tolerance: 360° from normal
Illumination	Warm White LED
Aiming	Red Cross Laser
Supported Symbolologies	1D: Code 128(ISBT 128, AIM 128, GS1 128) , EAN-13, EAN-8, UPC0, UPCE1, UPC-A, ISBN, ISSN, Code11, Interleaved 2 of 5, Code39, Code93, Code32, Codabar, Matrix 2 of 5, Industrial 25, IATA25, MSI Plessey, GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, Plessey, Febraban, Composite 2D: QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec, Maxicode, Han Xin Code, Dotcode, Composite
Interface	USB, Bluetooth
Offline Mode	Support storage of 3839 EAN-13 barcodes

SOFTWARE SUPPORT

Generalscan Keyboard Pro, Generalscan SDK Demo, Generalscan OTA Tools, Generalscan iCode, G-Service

USB

USB Interface	USB Type-C
USB Protocol	USB HID Keyboard, USB VCP (Virtual Serial Port)
Multilingual Keyboards	USB HID mode supports multilingual keyboards

USER ENVIRONMENT

Ambient Light	Max 100000lux (direct sunlight)
Operating Temperature	-20°C~50°C
Storage Temperature	-40°C~70°C
Humidity	5% - 95% non-condensing
Drop Spec.	Multiple 4.9ft./1.5M drops to concrete
Tumble Spec.	Scanner body withstands 20,000 times from 3.3ft./1M with frequency of 10 times per minute.
Electrostatic Discharge (ESD)	±8kv DC discharge, ±15kv air discharge
Certificates	CE, FCC, KC, TELEC, RoHS, ANATEL, NOM, EAC

BLUETOOTH

Bluetooth Protocol	HID Keyboard, SPP, and BLE
Bluetooth Range	Communication distance connected to mobile phone > 98.43ft/30m (without obstructions)
Bluetooth OTA	Bluetooth OTA

DECODE RANGES

13mil EAN-13	55.0 - 350.0MM
5mil Code 39	55.0 - 120.0MM
13mil Code128	55.0 - 350.0MM
15mil QR	25.0 - 230.0MM
10mil Data Matrix	45.0 - 150.0MM
6.67mil PDF417	55.0 - 145.0MM

GENERALSCAN

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