

S20W

Generic GDA S20W Portable 2D Wireless Barcode Scanner User Manual

Model: S20W | Brand: Generic

1. PRODUCT OVERVIEW

This manual provides instructions for the setup, operation, and maintenance of your GDA S20W Portable 2D Wireless Barcode Scanner. Please read this manual carefully before using the device to ensure optimal performance and longevity.



An image showing the GDA S20W portable 2D wireless barcode scanner, black with orange accents, alongside its small USB receiver.

Key Features

- **Sensor:** CMOS Image Sensor, 0.3 MP, 640 x 480 pixels
- **Scanner Speed:** 1/30 frames per second (fps)
- **Field of View:** Diagonal 58 degrees, Horizontal 42 degrees, Vertical 36 degrees
- **Scanning Resolution:** 2D \geq 5mil, 1D \geq 4mil
- **Lighting:** White
- **Connectivity:** Wireless (via USB receiver) and Wired (USB Type A cable)
- **Battery:** 2000 mAh
- **Compatible Devices:** Desktop, Laptop, Smartphone, Tablet

2. SETUP INSTRUCTIONS

2.1 Charging the Scanner

Before initial use, fully charge the scanner. Connect the scanner to a power source (e.g., computer USB port, USB wall adapter) using the provided USB Type A cable. The indicator light on the scanner will show the charging status.

2.2 Connecting Wirelessly

1. Insert the small USB receiver into an available USB port on your computer or compatible device.
2. Power on the barcode scanner by pressing the trigger button or power button (if available).
3. The scanner should automatically pair with the receiver. A successful connection is typically indicated by a specific beep sound or a steady blue indicator light on the scanner.

2.3 Connecting via USB Cable (Wired Mode)

To use the scanner in wired mode, connect the scanner directly to your device using the USB Type A cable. The scanner will function as a wired device, and the battery will charge simultaneously. No additional drivers are usually required for basic operation.

3. OPERATING THE BARCODE SCANNER

3.1 Scanning Barcodes

1. Ensure the scanner is powered on and connected to your device (either wirelessly or via cable).
2. Open an application or text editor on your device where you want the scanned data to appear. Place your cursor in the desired input field.
3. Aim the scanner's light beam at the barcode you wish to scan. Ensure the entire barcode is within the scanning area.
4. Press the trigger button. A successful scan will be indicated by a beep and/or a light flash. The scanned data will appear in your application.

3.2 Supported Barcode Types

The GDA S20W scanner supports a wide range of both 1D (linear) and 2D (matrix) barcodes, including common types like EAN, UPC, Code 39, Code 128, QR Code, Data Matrix, and PDF417.

4. MAINTENANCE AND CARE

4.1 Cleaning

To maintain optimal performance, keep the scanner clean. Use a soft, dry, lint-free cloth to wipe the exterior. For the scanning window, use a lens cleaning cloth. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the device.

4.2 Battery Care

The scanner is equipped with a 2000 mAh rechargeable battery. To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in constant use. Do not expose the battery to extreme temperatures.

4.3 Storage

When not in use, store the scanner in a cool, dry place away from direct sunlight, high humidity, and extreme temperatures. Protect it from drops and impacts.

5. TROUBLESHOOTING GUIDE

- **Scanner not powering on:**
Ensure the battery is sufficiently charged. Connect the scanner to a power source using the USB cable and allow it to charge for a period before attempting to power it on again.
- **No scan output on device:**
Verify that the scanner is properly connected to your device. If using wireless mode, ensure the USB receiver is securely inserted and the scanner is paired. If using wired mode, check the USB cable connection. Confirm that your cursor is in the correct input field on your device.
- **Scanner not pairing wirelessly:**
Try re-inserting the USB receiver into a different USB port. Power cycle the scanner (turn it off and then on again). Refer to section 2.2 for detailed wireless connection steps.
- **Incorrect data output or unreadable barcodes:**
Ensure the barcode is clean, undamaged, and within the scanner's optimal reading distance. The scanner supports various barcode types; if a specific type is not reading, it might require a configuration setting (usually done by scanning specific setup barcodes, which are not included in this manual).

If these steps do not resolve the issue, please contact customer support for further assistance.

6. TECHNICAL SPECIFICATIONS

Feature	Detail
Model	S20W
Sensor Type	CMOS Image Sensor
Resolution	0.3 MP, 640 x 480 pixels
Scanner Speed	1/30 fps
Field of View	Diagonal 58°, Horizontal 42°, Vertical 36°
Scanning Resolution	2D≥5mil, 1D≥4mil
Lighting	White
Connectivity	Wireless (2.4GHz USB Receiver), Wired (USB Type A)
Battery	2000 mAh
Compatible Devices	Desktop, Laptop, Smartphone, Tablet
Power Source	Battery Powered
Manufacturer	Generic

Feature	Detail
Date First Available	25 December 2023

Specifications are subject to change without notice.

7. WARRANTY INFORMATION

This product is covered by a standard manufacturer's warranty. For specific warranty terms, conditions, and duration, please refer to the product packaging or contact your retailer. It is recommended to retain your proof of purchase for any warranty claims.




8. CUSTOMER SUPPORT

For technical support, service inquiries, or additional information regarding your GDA S20W Barcode Scanner, please contact your point of purchase or refer to the manufacturer's official website.

Manufacturer: Generic

Model: S20W

Related Documents - S20W

	<p>Takstar S20W Wireless Voice Amplifier User Manual</p> <p>Comprehensive user manual for the Takstar S20W Wireless Voice Amplifier, detailing features, specifications, operating instructions, and safety guidelines for optimal use.</p>
	<p>NTI Gas Boilers and Water Heaters Instant Rebates - Design Air</p> <p>Explore instant rebate offers on NTI gas boilers and water heaters from Design Air. Save on TRX Series II, FTVN Series II, Compass Series, TFTN Series, S20W Series, and Trin & Stor models. Promotion valid August 13 - November 30, 2025.</p>
	<p>NTI Product Catalog 2025: High-Efficiency Boilers, Water Heaters, and Heat Pumps</p> <p>Explore the comprehensive NTI Product Catalog 2025, featuring a wide range of high-efficiency gas boilers, water heaters, combi furnaces, and air-to-water heat pumps designed for residential and commercial applications. Discover innovative features, detailed specifications, and warranty information.</p>



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