

## Tera P600\_US

# Tera Android 11 Barcode Scanner PDA: P600 User Manual

Brand: Tera | Model: P600\_US

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the Tera P600 Android 11 Barcode Scanner PDA. Designed for efficiency and durability, the P600 features a 6-inch full screen, Qualcomm CPU, HS7 Scan Engine, and an IP67 rating, making it ideal for inventory management and various mobile computing tasks. Please read this manual thoroughly before operating the device to ensure proper usage and maintenance.



Figure 1: Tera P600 Android Barcode Scanner PDA with Pistol Grip.

## 2. PACKAGE CONTENTS

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Verify that all items are present in the package:

- P600 Android Barcode Scanner x1
- Pistol Grip x1
- Screen Protector x1
- USB Cable x1
- Charge Adapter x1
- User Manual x1



Figure 2: Included components of the Tera P600 package.

## 3. SETUP

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### 3.1 Initial Charging

Before first use, fully charge the Tera P600. Connect the provided USB cable to the device and the charge adapter, then plug it into a power outlet. The device supports QC 3.0 fast charging and can be fully charged in approximately 2.5 hours.

### 3.2 Attaching the Pistol Grip

Align the pistol grip with the designated slot at the bottom of the P600 device. Gently slide the device into the grip until it clicks securely into place. Ensure the connection is firm before use.

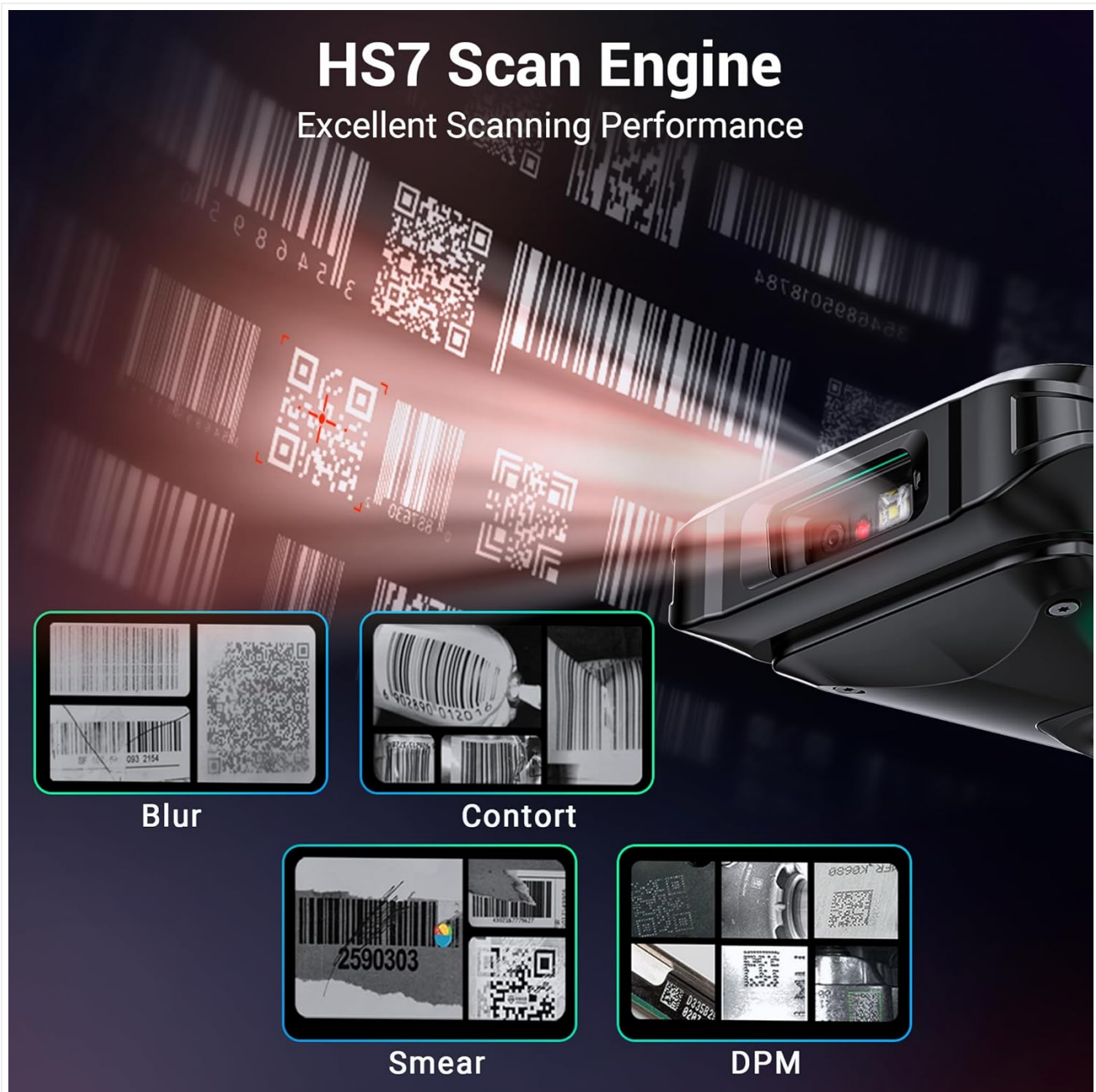


Figure 3: Tera P600 with the pistol grip attached, ready for use.

## 4. OPERATING THE DEVICE

### 4.1 Powering On/Off

Press and hold the power button located on the side of the device until the screen illuminates to power on. To power off, press and hold the power button, then select "Power off" from the options.

### 4.2 Barcode Scanning

The P600 is equipped with an HS7 scan engine for precise and rapid barcode scanning. Point the scanner at the barcode and press the trigger button on the pistol grip (or the scan button on the device itself). The device will emit a light beam to read the barcode. The HS7 engine is designed to scan fast-moving barcodes efficiently.



**6" SCREEN**  
**2160 X 1080 FHD IPS**

FULL HD  
**1080p**

「6"」



Figure 4: The HS7 Scan Engine demonstrating its capability to read various barcode types, including blurred, contorted, smeared, and DPM codes.

### 4.3 Touchscreen Operation

The 6-inch 1080P HD display provides a clear and responsive touch interface. It supports operation with gloves and wet hands, ensuring versatility in various working environments. The screen offers excellent readability in all lighting conditions, from backlight to strong light or low light.

# IP67 GRADE

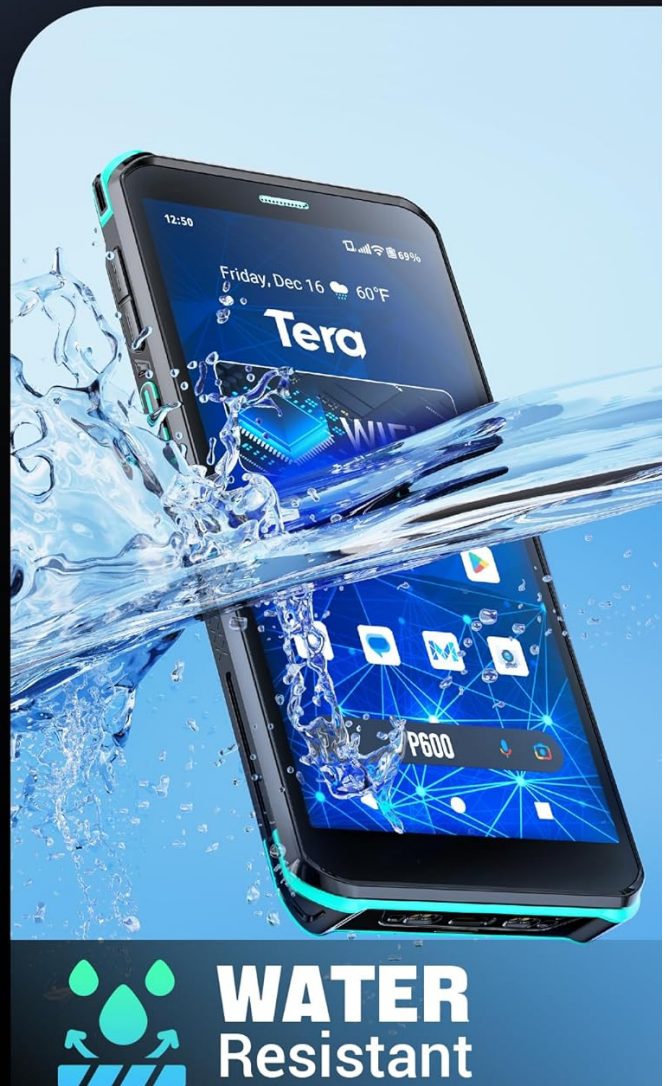
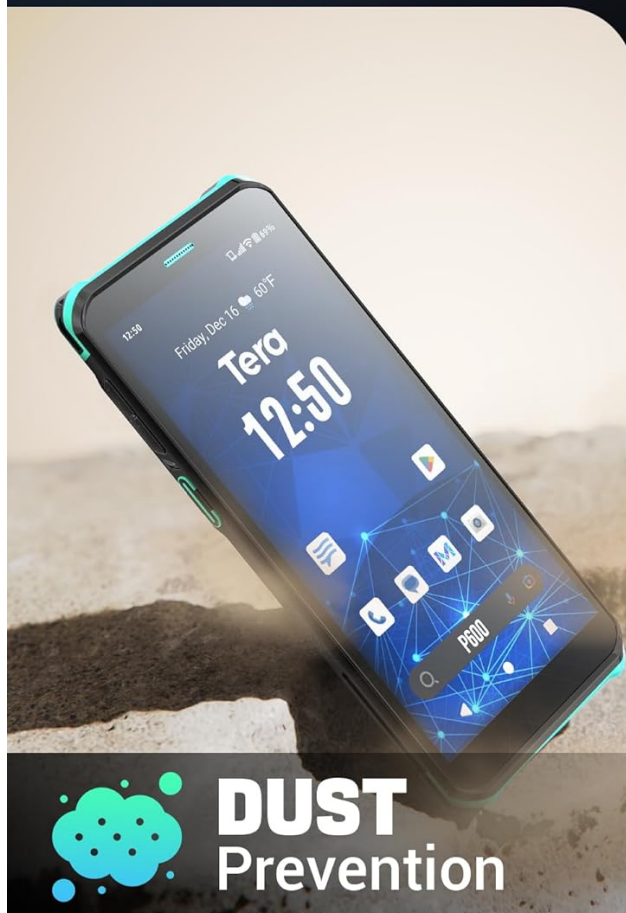


Figure 5: The 6-inch 1080P Full HD IPS display of the Tera P600, highlighting its immersive viewing experience.

#### 4.4 Connectivity (Wi-Fi 6)

The P600 is Wi-Fi 6 ready, facilitating seamless data transfer and efficient online operations. This advanced connectivity ensures reliable connections even in high-density environments and supports faster sync speeds and transaction processing.



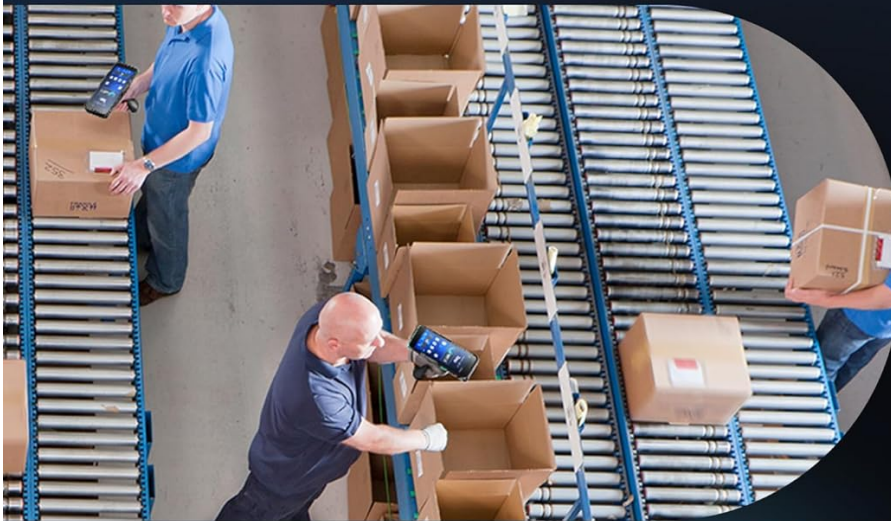


Figure 6: Illustration of how Wi-Fi 6 connectivity on the Tera P600 doubles productivity with faster sync speeds and transaction processing.

#### 4.5 Performance (Qualcomm CPU)

Powered by a Qualcomm Snapdragon 662 Octa-core 2.0GHz processor, the PDA offers robust performance and stable connectivity. This ensures smooth multitasking and superior application compatibility, crucial for demanding environments.

# FAST **WI-FI 6** DOUBLES YOUR PRODUCTIVITY



***Faster***  
sync speed



***Fast transaction***  
processing



Figure 7: Visual representation of the Tera P600's seamless performance powered by the Qualcomm Snapdragon processor, with 4GB RAM and 64GB ROM.

## 4.6 Official Product Video



Video 1: "Speed and Passion: Tera P600 with HS7 Scanner in Action." This video demonstrates the Tera P600's scanning capabilities, touchscreen responsiveness, and overall performance in a dynamic environment.

## 5. MAINTENANCE

### 5.1 Durability and Protection (IP67 Rating)

The Tera P600 boasts an IP67 rating, providing resistance to dust, water immersion (up to 1 meter for 30 minutes), and drops from up to 4.9 feet (1.5 meters). This robust design ensures reliable operation in challenging industrial, retail, logistics, and warehouse environments.



# SEAMLESS PERFORMANCE, POWERED BY QUALCOMM



RAM:4G



ROM:64G



Figure 8: The Tera P600 demonstrating its IP67 rating for dust prevention and water resistance.

## 5.2 Battery Life and Care

The device is equipped with a 5000 mAh removable battery, offering up to 300 hours of standby time and over 12 hours of continuous use. To maximize battery lifespan, avoid extreme temperatures and fully charge the device regularly using the provided charger.

# US-BASED BRAND, ADVANCED R&D CENTER



Figure 9: Information on the Tera P600's 5000 mAh removable battery, showing standby time, working time, and charging time.

## 6. TROUBLESHOOTING

If you encounter issues with your Tera P600, please refer to the following common troubleshooting steps:

- **Device Not Powering On:** Ensure the battery is sufficiently charged. Connect the device to the charger and wait a few minutes before attempting to power on again.
- **Scanning Issues:** Verify that the barcode is clean and not damaged. Ensure proper lighting conditions and that the scanner is held at an optimal distance from the barcode. Restarting the scanning application or the device may resolve temporary glitches.
- **Connectivity Problems:** Check Wi-Fi settings to ensure the device is connected to the correct network. If issues persist, try restarting the device and the Wi-Fi router.
- **Touchscreen Unresponsive:** Perform a soft reset by holding the power button until the device restarts. If the screen is wet, dry it thoroughly before attempting to use it.

For persistent issues or advanced troubleshooting, please contact Tera customer support.

## 7. SPECIFICATIONS

Feature	Detail
Product Dimensions	3.9 x 7 x 8.1 inches
Item Weight	1.3 pounds
ASIN	B0D7378FR5
Item Model Number	P600_US
Manufacturer	Tera
Compatible Devices	Tablet, Smartphone, Desktop, Laptop
Power Source	Battery Powered
Brand	Tera
Connectivity Technology	Wi-Fi
Specification Met	IP67

## 8. WARRANTY AND SUPPORT

Tera, a US-based brand with a local company in California, offers comprehensive support for its products. We provide lifetime technical assistance to ensure your satisfaction and peace of mind.

### 8.1 Customer Support

For any inquiries, technical assistance, or customization services, our dedicated 24/7 customer support team is available to help. Contact information can be found on the official Tera website or in the included user manual.

### 8.2 SDK Kits and Customization

Tera provides SDK kits for developers and offers extensive customization services, including light options (labeling, packaging, branding), moderate options (OS, modules, functions, interface integration), and advanced options (fully or semi-customized solutions).


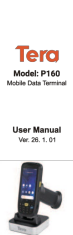








Figure 10: Tera's commitment to customer support, SDK development, and advanced R&D.

Related Documents - P600\_US

	<p><a href="#">Tera P400 Mobile Data Terminal Quick Start Guide</a></p> <p>Quick start guide for the Tera P400 rugged mobile data terminal, covering features, battery, NFC, BCScan application, and specifications. Learn how to set up and use your P400 device.</p>
	<p><a href="#">Tera P160 Mobile Data Terminal User Manual</a></p> <p>Comprehensive user manual for the Tera P160 Mobile Data Terminal, covering features, installation, operation, scan engine settings, and technical specifications. Learn how to use your Android-powered barcode scanner.</p>
	<p><a href="#">Tera P600 Mobile Data Terminal Quick Start Guide</a></p> <p>A quick start guide for the Tera P600 Mobile Data Terminal, covering its features, setup, battery management, NFC functionality, and the BCScan application. Includes technical specifications and support information.</p>

<div><div>TS-USB0009</div><div><div>Tera</div><div>Model: HW0009</div><div>2D Area-imaging Barcode Scanner with Display and Charging Cradle</div></div><div><div>User Manual</div><div>Ver:01.1.01</div></div></div>	<p><a href="#">Tera HW0009 2D Barcode Scanner User Manual</a></p> <p>Official user manual for the Tera HW0009 2D Area-imaging Barcode Scanner. This guide details setup, configuration, wireless (2.4G, Bluetooth) and USB connectivity, operation modes, and scanner settings for this handheld barcode reader with a digital display and charging cradle.</p>
<div><div>TS-UMP161</div><div><div>Tera</div><div>Model: P161</div><div>Mobile Data Terminal</div></div><div><div>User Manual</div><div>Ver: 06.1.01</div></div><div></div></div>	<p><a href="#">Tera P161 Mobile Data Terminal User Manual</a></p> <p>User manual for the Tera P161 Mobile Data Terminal, detailing its features, operation, specifications, and scan engine settings. Covers installation, charging, phone functions, messaging, and advanced configuration.</p>
<div><div><div>Tera</div><div>Modelo: HW0009</div><div>Escáner de Códigos de Barras 2D de Imágenes en Área con Pantalla y Base de Carga</div><div>Manual del Usuario</div><div>Ver:01.1.02</div></div><div><div>Manual del Usuario actualizado y disponible en línea</div><div><a href="https://www.teraco-signal.com">https://www.teraco-signal.com</a></div></div></div>	<p><a href="#">Tera HW0009 2D Barcode Scanner User Manual - Setup, Charging, and Operation</a></p> <p>Comprehensive user manual for the Tera HW0009 2D barcode scanner. Learn about charging, connecting, configuration, operation modes, and troubleshooting. Includes setup instructions and technical specifications.</p>