



# Zebra 3600 Series Ultra-Rugged Handheld Scanners

Unstoppable Performance Starts Here



# UNSTOPPABLE PERFORMANCE DELIVERED



## Zebra 3600 Series Ultra-Rugged Scanners: Designed to work in the toughest conditions

In manufacturing plants, warehouse aisles, outdoor yards and seaports, the success of your business rests heavily on the scanners in the hands of your workers. The quality of your products and your ability to deliver the right products to the right customer on time is heavily dependent upon the fast and accurate capture of many barcodes throughout the day.

Wait times between scans, barcodes that can't be read and downtime when a scanner fails create unacceptable delays. Every minute lost reduces productivity, potentially impacting labor costs, order delivery times, profitability, customer satisfaction — and customer retention. You need technology that you can count on, every minute of the day.

The Zebra 3600 Series Ultra-Rugged Scanners are built to deliver the unstoppable performance you need in your most demanding business environments.

**Superior scanning performance on virtually any barcode in practically any condition — period.**

**An ultra-rugged design for unprecedented durability in ultra-challenging environments.**

**Unrivaled management tools that reduce management time and costs to a new low.**

**Powered by Zebra DataCapture DNA -  
Your scanner's built in advantage**

**THE 3600 ULTRA-RUGGED SERIES. UNDER ANY WORKING CONDITIONS — IT WORKS.**



# 3600 Series Ultra-Rugged Scanners

**A family created to  
deliver unstoppable  
performance in  
your environment.**

## **DS3600-SR 1D/2D Standard Range Scanner**

Designed for standard range capture of 1D/2D barcodes, from near contact to nearly 5 ft./1.5 m.

Ideal for shipping and receiving on the loading docks, small item pick and pack, plus manufacturing work-in-process.

## **DS3600-ER 1D/2D Extended Range Scanner\***

Designed to capture standard and extra-wide 1D/2D barcodes over an industry-leading range — from 3 in./7.6 cm to 70 ft./21.3 m — up to 60 percent closer than competitive models.

Ideal in warehouses and ports, where workers need to capture small to very wide barcodes on items at close range as well as items on upper warehouse shelves or stacked containers in a rail yard or port.

## **DS3600-XR 1D/2D Extended Range Scanner**

Designed to capture 1D/2D barcodes at the widest scanning range in its class, from 2 in./5 cm to 105 ft./32 m, with high visibility green laser aimer for easier and more accurate scanning

Ideal in warehouses and ports, where workers need to capture small to very wide barcodes on items at close range as well as items on upper warehouse shelves in the dimmest corners or stacked containers in a rail yard or port.

## **DS3600-HD 1D/2D High Density Scanner**

Designed to capture high-density 1D/2D barcodes — including tiny dense codes that are barely visible to the naked eye.

Ideal for protecting product quality on the electronics and medical equipment production line — ensures workers use the right product components at the right time, every time.

## **DS3600-HP 1D/2D High Performance Scanner**

Designed for mid-range reading of 1D/2D barcodes 40 percent farther than the DS3600-SR — up to 7 ft. / 2.1 m away — with the flexibility to capture photos, documents, signatures and OCR.

Ideal on the loading docks for fast processing of incoming and outgoing shipments — from reading shipment labels for instant reconciliation to capturing signatures for proof of delivery and photos for proof of condition.

## **DS3600-KD 1D/2D Scanner with Keypad and Color Display**

Designed for capture of 1D/2D barcodes and additional inputs with the versatility of a keypad and color display.

Ideal for warehouses, retailers and manufacturers to enable workers to easily key in quantity or location data, reducing repetitive tasks. Streamline picking and inventory with pre-built applications.

## **DS3600-DP 1D/2D Direct Part Marks Scanner**

Designed to capture virtually every type of direct part mark (DPM) and 1D/2D barcode.

Ideal for track and trace, maintenance, warranty service and product authentication on the industrial manufacturing production line.

## **DS3600-DPA 1D/2D Direct Part Marks for Industrial Manufacturing Scanner**

Designed for Direct Part Marks (DPM), 1D/2D and wide 1D barcodes common in factory automation.

Ideal for track and trace applications to control product quality, whether in automotive, aerospace, or farm and fleet.

## **LI3600-SR 1D Standard Range Linear Imager**

Designed for standard range reading of 1D barcodes.

Ideal for shipping and receiving on the loading docks, small item pick and pack and manufacturing work-in-process.

## **LI3600-ER 1D Extended Range Linear Imager**

Designed to capture 1D barcodes from 2 in./5.1 cm to as far as 56 ft./17.1 m away, nearer and farther than any scanner in its class.

Ideal in warehouses and ports, where workers need to capture small to very wide barcodes on items at close range as well as items on upper warehouse shelves or stacked containers in a rail yard or port.

\*DS3600-ER is available in North America only



## Ultra-rugged durability in a class of its own

Your environments couldn't be a tougher place for scanners to survive. Drops to concrete, spills, dust, heat, cold, rain, snow and more — your scanners will see it all. That's why we developed a new class of scanner — ultra-rugged. When it comes to industrial strength for your most challenging environments, the 3600 Series is in a class of its own.

Built to a unique set of specifications, the nearly indestructible 3600 Series is dustproof, sprayproof, waterproof and more, designed to handle everything your environment and your workers dish out every day — you won't find a tougher scanner.

### **The highest drop specification for any rugged scanner**

Your workers spend their day walking and driving material handling vehicles, such as forklifts, on concrete. That's why we engineered the 3600 Series to survive a 10 ft. / 3 m. drop specification to concrete, more durable than competitive devices.

### **The highest tumble specification for any rugged scanner**

The 3600 Series works even after 7,500 consecutive tumbles, ensuring reliable operation after the real-world tumbling that typically follows a drop.

### **Dustproof, sprayproof and waterproof**

With dual IP65/IP68 sealing, the 3600 Series is dust proof, can handle the force of jetting water and be fully submerged. Plus, the 3600 Series is the first in its class to offer a cradle with IP65 sealing for a fully robust solution.

### **Built for blazing heat and sub-zero temperatures in freezers and outdoor yards**

Built to withstand extreme heat, cold and humidity, our corded and cordless models can be used anywhere — indoor, outdoor and even in the freezer.<sup>1</sup>



## Superior scanning performance — period.

We've packed the 3600 Series with our most advanced scanning technology. The result? Workers can dependably scan barcodes in any condition, as fast as they can pull the trigger, driving worker productivity and customer service to a new level.

### Capture any barcode in any condition

The warehouse and manufacturing plant are tough on printed barcodes. With the 3600 Series, you get the PRZM Intelligent Imaging Technology that has made our barcode technology the industry leader. Virtually any barcode can be captured in virtually any condition — scratched, dirty, poorly printed, direct part marks, high density, and even under shrinkwrap or frost. The result? First-time every time scanning eliminating the everyday exceptions that drive time and cost into your business.

### Capture up to 20 barcodes with a single press of the trigger

With Multi-Code Data Formatting (MDF), the 3600 Series can capture multiple barcodes with a single scan and transmit only the barcodes you need, in the order your application expects.<sup>2</sup>

### Superior pick-list functionality

Pick lists are often a part of the workday in the warehouse and manufacturing plant. That's why the 3600 Series scanners include aiming technology that makes it easy for your workers to select and scan even small barcodes.

### Capture printed and electronic barcodes

All models can capture barcodes that are printed or displayed on any computer screen. Even if you don't use electronic barcodes today, you're ready for the future.

### Easily Capture Label Data for Better Inventory Management

With Label Parse+, you can instantly capture and parse GS1 label barcode data on items, enabling workers to easily capture a wealth of data, including expiration dates and lot number/ manufacturing location.

### Improve worker productivity

Zebra offers an Ultra-Rugged Scanner for any situation. Standard range, extended range, and even including a keyboard and display model - enabling workers to easily key in quantity or location data, reducing repetitive tasks.



## Set your workers free with the industry's most superior cordless technology

Our Bluetooth models are loaded with industry-leading features that make it easier than ever for your workers to use and manage their cordless scanners.

### **Battery power for up to 100,000 scans or more**

With more than 50 percent more battery capacity than competitive models, even in the most scan intensive jobs, your workers will have plenty of power for a full shift.<sup>3</sup>

### **Deploy Bluetooth with zero Wi-Fi network interference — guaranteed**

Bluetooth devices may create interference in Wi-Fi environments, disrupting workflows and impacting crucial data streams from production line equipment. Zebra's Wi-Fi Friendly mode ensures that our 3600 Series Bluetooth models will not interfere with your Wi-Fi infrastructure.

### **First in its class battery charge gauge**

The onboard battery charge gauge is similar to that of a mobile phone, making it easy for users to see if the scanner they pick up at the start of the day has a fully charged battery — and easily monitor battery power throughout the day. The result? No more unexpected dead batteries that impact worker productivity.

### **Easy Bluetooth troubleshooting**

With a Bluetooth status LED right on the scanner, it's easy for users to check and restore lost connectivity, minimizing calls to the help desk.

### **Switch Workflows in an Instant with AutoConfig**

Since scanner settings are stored in the cradle base, simply pair the 3600 Series scanner to a different base to automatically configure it for a new host application. For example, you can take a scanner from the forklift and use it for shipping without manually changing settings.

### **Keep Track of Your Scanners and Prevent Workflow Interruptions**

With Virtual Tether, you won't have to worry about a warehouse worker leaving a scanner behind on a pallet. Both the scanner and cradle will alert users when a scanner is taken beyond its Bluetooth range or left out of the cradle for a predefined length of time.



## Unrivaled manageability across your enterprise.

Managing your scanners can be time-consuming and costly. That's why the 3600 Series comes with a set of complimentary tools that take the complexity out of end-to-end scanner management. Whether your scanners are in one location, across the country or around the world, we make staging, updating and everyday troubleshooting easy. The result? The overall total cost of ownership (TCO) for your mobility solution is reduced.

### 123Scan

Staging and updating your 3600 Series scanners is easy with 123Scan. Scanners are automatically detected and the two-way communication required for staging is automatically established in seconds — an industry first. With this patented wizard-driven tool, you can create and distribute configuration files or barcodes to simplify staging and updating. You can update firmware and parameters without losing your settings — another industry first. And with comprehensive activity and inventory reports, you can easily verify that every parameter is properly configured on every scanner.

### Remote Management (Scanner Management Service)

Remote Management allows you to customize scanner parameters and update firmware remotely — no depot staging, user action, barcode scanning or management console required. The easy-to-use wizard-based tool works on any off-the-shelf enterprise console, allowing you to create and send an SMS Package to all of your PC scanner hosts that will automatically run when the scanner is plugged in, providing true set-it-and-forget-it staging and updating. And the rich reporting function allows you to access a wide range of statistics on all of your scanners at any time — including model and serial number, firmware version and parameter values.

### A wealth of battery metrics for better battery management

Our cordless models offer superior battery management with Zebra's PowerPrecision+ batteries. Now, you have the visibility into highly detailed real-time battery metrics you need to maximize useful battery life and ensure every battery in your battery pool is healthy and able to hold a full charge. Advanced State of Health information utilizes the battery's internal gas gauge to track and store battery performance and capacity degradation to provide a highly accurate end-of-life prediction. In addition, you can also access a wide range of statistics to help you better manage the battery pool, such as total charge accumulation and real time usage patterns.

### Instantly connect to Industrial Ethernet networks

Zebra's Network Connect for Automation delivers a seamless connection between 3600 Series scanners and a manufacturer's Industrial Ethernet network without any third party conversion equipment. The solution eliminates vulnerability points, improves security and reduces complexity.

### Up-To-The-Minute Insight Into Every Aspect of Your Scanners

The logging agent's Remote Diagnostics capabilities automate the recording of scanner asset information, health and statistics, configuration settings and barcode data—giving you the information needed for event verification, blockchain traceability, pilot site ROI generation, troubleshooting and predictive fleet-wide trend analysis.

# DataCapture DNA

## Your Scanner's Built-in Advantage

Scan with abilities developed and continuously refined by a partner with more than 50 years of field-proven innovation. Zebra knows the scanning journey better than other providers. That's why we've engineered into all our scanners Zebra DataCapture DNA—a suite of software capabilities to help your team adapt to future needs and achieve greater business outcomes.

### Integrate

#### 123Scan

Configure your scanner using a wizard with options to program electronically or via a printed 2D barcode

#### Scanner Software Development Kit (SDK)

Leverage our SDK, videos and source code to develop your own apps

#### Scanner Control Application

Connect and control Bluetooth® scanners with a tablet or smartphone

#### Scan-to-Connect

Forego developing your own pairing solution; instead, use ours or integrate its code into your app

### Security

#### Scanners pose less of a security risk

- They're peripheral devices that scan unencrypted barcode data
- Scanner apps run on the host device not the scanners themselves

#### Transmitting sensitive data?

Zebra's corded and cordless scanners offer protection

- The cord connects the Zebra scanner to a PC, making it highly resistant to attacks
- Our modern Bluetooth scanners encrypt data using Bluetooth Secure and Simple Pairing
- FIPS encryption is also available on select cordless models

### Deploy

#### Remote Management (SMS/WMI)

Eliminate the need to pre-stage at a depot; configure at the point of use

#### 123Scan

Simultaneously stage up to 10 scanners locally

#### Remote Diagnostics

Remotely verify that scanners are properly functioning and configured

#### Scan-to-Connect

In one step, connect a Bluetooth scanner to a phone, tablet or PC

#### Wi-Fi™ Friendly Mode

Ensure Bluetooth scanners don't interfere with your Wi-Fi network

### Manage

#### Remote Management (SMS/WMI)

Automate configuration at the point of use; update firmware without losing settings and access critical asset data

#### PowerPrecision+ Batteries

Gain easy access to fleetwide metrics, including battery state of health

#### Remote Diagnostics

Troubleshoot without traveling to sites and resolve issues faster

#### ScanSpeed Analytics

Identify patterns that slow down scanning

#### 123Scan

Create an SMS package to remotely manage your fleet of scanners

#### Virtual Tether

Both the scanner and cradle alert user when the cordless scanner is moving out of range, misplaced or left unattended for an extended time

### Optimize

#### PRZM Intelligent Imaging

Capture any barcode in virtually any condition the first time

#### Preferred Symbol

Prioritize one barcode while excluding others

#### Multi-Code Data Formatting

Scan multiple barcodes with a single trigger pull

#### Scan-to-Connect

In one step, connect a Bluetooth scanner to a phone, tablet or PC

#### UDI Scan+

Capture and parse UDI data in the right order to the right fields, in one trigger pull

#### Label Parse+

Instantly capture all the barcodes on a GS1 label and parse data in the right order to the right fields, in one trigger pull

#### Blood Bag Parse+

With one trigger pull, instantly capture, parse and transmit data to your app

#### Intelligent Document Capture

Capture an image and automatically optimize its appearance

#### Virtual Tether

Alert workers when cordless scanners need recharging, are misplaced or left unattended

#### PowerPrecision+ Batteries

Get visual feedback of charge status on demand



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<sup>1</sup> Freezer rated cables available sold separately. Heated scanner holder accessory recommended to reduce condensation on the outside of the scan window when moving in and out of freezers.

<sup>2</sup> Scans per charge varies by model; LI36x8-SR supports 140,000+; DS36x8-ER supports 70,000+; all other 3600 Series models support 100,000+.

<sup>3</sup> Multi-Code Data Formatting is not available on LI36x8-SR or LI36x8-ER models.

<sup>4</sup> Available DataCapture DNA tools vary by model. Refer to product specification sheets for model-specific information.