



ZEBRA



Boost Productivity and Quality Control on the Production Line with a New Class of Scanner

RISE TO MEET TODAY'S PRODUCTION DEMANDS WITH THE ULTRA-RUGGED 3600 SERIES

The Challenge: Meet Production Schedules, Ensure Product Quality and Enable Cost-Effective Track and Trace

With market globalization, you're competing with manufacturers all around the world – placing even more pressure on pricing, product quality and order fulfillment schedules. At the same time, customers are placing smaller and more frequent orders, increasing order volumes. And government and industry-imposed regulations for 'cradle to grave' product traceability add to your everyday administrative burden.

Scanning helps you juggle it all, but without the right scanner, production line delays can impact profitability, customer service and customer retention when:

- Older scanning technology fails to scan a barcode, resulting in exceptions that slow down operations or bring your production line to a grinding halt.
- The wrong part is used on the production line, rippling into the high cost of re-work, sometimes days later.
- Workers need to hunt for a replacement for a malfunctioning scanner or a battery for a cordless scanner.

The Solution: Unstoppable Performance with Zebra's Ultra-Rugged 3600 Series

Get the unstoppable performance you need to raise productivity and quality control to the next level on your production line. The Ultra-Rugged 3600 Series delivers:

- **Superior scanning performance** required to keep production lines moving at peak capacity.
- **An ultra-rugged design** that is nearly indestructible, virtually eliminating unplanned production line downtime due to a broken or malfunctioning scanner.
- **Superior Bluetooth technology** that frees workers from cords — without risking Wi-Fi interference.
- **Minimal device management time and cost** through industry-best, complimentary management tools.

The result?

- Increased worker productivity.
- Maximum production levels.
- A new level of customer service.
- Reduced cost and a better return on your scanner investment.



The 3600 Ultra-Rugged Series: the Technology You Need to Achieve a New Level of Business Success in your Manufacturing Operations

Whether you are manufacturing vehicle cam shafts, computer circuit boards or whole-grain bread, your operations will benefit from the unmatched durability, scanning performance and manageability of the 3600 Series.

When Only the Most Rugged Design Will Do

General purpose scanners aren't built to handle the tough environment on most manufacturing production lines, resulting in high volumes of scanner failures and support desk calls — and high replacement and repair costs. The 3600 Series eliminates it all with an ultra-rugged design that is purpose built for everyday life on the manufacturing floor.

Toughened to handle your environment: dustproof, sprayproof and waterproof

The 3600 Series is the only device in its class with a waterproof IP67 sealing rating, able to survive complete submersion in water. The only scanner family to offer a second rating of IP65, the 3600 Series is ready for virtually every challenging production environment, from dusty

manufacturing floors, spilled coffee, exposure to corrosive hydraulic fluids, spray downs with a high-pressure hose and regular wipedowns with industrial cleaners between shifts. We even sealed our Bluetooth cradle to IP65 to match the scanners, creating the only complete rugged cordless solution for your production line.

Built to handle drops to your concrete floor

Many device failures on the production line occur when the device is dropped on the concrete floor. That's why all models in the 3600 Series offer a best-in-class 8 ft./2.4 m drop to concrete impact rating — 23 percent more durable than any other scanner in this class. And with a 5,000 3.3 ft./1 m tumble rating, you get the peace of mind that these scanners will survive the real-world tumbling that follows a drop.



When Only the Best Scanning Technology Will Do

Your success is all about throughput and accuracy. The faster your workers can complete a scan, the faster your production line moves, and the faster orders are fulfilled and delivered. That's why the 3600 Series is loaded with all of our most advanced scanning technologies — ensuring that your workers get the performance they need to be as productive as possible, every minute of every shift.

Maximum scanning speed on every type of barcode in your facility

No matter what type of 1D or 2D barcodes flow through your production line, there is a model optimized to deliver maximum scanning speed, with first-time every time barcode capture. If you need to capture high density barcodes printed directly on components, the corded DS3608-HD and cordless DS3678-HD scanners deliver extraordinary performance, providing workers with the ability to capture even tiny nearly-invisible codes quickly and easily.

If you use direct part marks (DPM), the corded DS3608-DP and DS3678-DP cordless scanners will capture virtually every type of DPM code, regardless of size, surface, contrast or density — including dot peen, laser etch, ink mark, chemical etch, inkjet mold, cast and thermal spray. The Zebra-only advanced illumination

technology provides the multiple lighting effects required to capture marks on any type of surface, even challenging marks such as low contrast codes on a black surface, marks on a very shiny surface or codes on corroded steel.

First-time capture of imperfect barcodes

The manufacturing plant is a tough place for a barcode label. And barcodes that can't be scanned instantly can delay the production line and fulfillment schedules. Your most damaged barcodes are no match for our advanced scanning algorithms — whether codes are torn, dirty, smudged, poorly printed, low contrast or printed on challenging reflective surfaces, your workers can capture it all with one press of the scan trigger.

One multi-function scanner to support your end-to-end production line process

All of our specialized scanners can also capture standard 1D and 2D printed barcodes, allowing you to use a single cost-effective device to:

- Verify that the right materials are delivered to the production line.
- Track materials as they are utilized to build your products to ensure quality.
- Cost-effectively comply with government track and trace regulations.
- Enter finished goods into inventory as they exit the production line.

A family to meet all the different needs on the production line:

Corded/Cordless LI36X8: This 1D linear scanner is ideal for manufacturers that only utilize 1D barcodes

Corded/Cordless DS36X8-SR: Standard range scanning of 1D and 2D barcodes from near contact to nearly 5 ft./1.5 m away

Corded/Cordless DS36X8-HP: High performance imager scans 1D and 2D barcodes at greater ranges, from 7 ft./2.1 m, plus the ability to capture photos, documents and OCR data

Corded/Cordless DS36X8-DP: Designed to capture 1D/2D barcodes and virtually every type of direct part mark (DPM) for track and trace in industrial manufacturing

Corded/Cordless DS36X8-HD: Captures high-density 1D/2D barcodes — including tiny dense codes that are common in electronics and medical equipment

APPLICATION BRIEF

3600 ULTRA-RUGGED SERIES IN MANUFACTURING



Finally — a Bluetooth Cordless Scanner that Won't Interfere With Your WLAN

Your production line equipment is in constant communication with backend applications that monitor equipment performance and immediately issue alerts when service is required, preventing the staggering cost of unplanned production line downtime. While you would like to give production line workers the freedom of a cordless Bluetooth scanner, since those communications often travel over the Wi-Fi network, you can't risk interference. Introducing Zebra's Wi-Friendly mode, which completely eliminates any interference between our Bluetooth scanners and your Wi-Fi infrastructure — guaranteed. And Wi-Fi Friendly mode is a snap to implement — the scan of a single barcode will properly configure your 3600 Bluetooth scanners for your Wi-Fi environment.

Beyond Barcodes to Photos, Documents and Signatures — We Offer a Model that Can Handle It All

With the ability to capture additional types of information, you can further streamline production line workflows.* For example, a worker can snap a picture of a defective part that arrives on the production line, providing indisputable proof of condition and streamlining the reverse logistics process to return damaged goods to the supplier.

When Only the Easiest Device Management Will Do

Managing your scanners can be time-consuming — you need to prepare every scanner for first use, upgrade as needed and troubleshoot user issues. With our complimentary tools, 123Scan² and Scanner Management Service (SMS), plus visibility into a wealth of statistics on the batteries in your cordless 3600 scanners, scanner management is less time-consuming and less costly, reducing your total cost of ownership.

**MAXIMIZE SPEED AND ACCURACY ON THE PRODUCTION LINE WITH ZEBRA'S
3600 ULTRA RUGGED SERIES SCANNERS.**

FOR MORE INFORMATION, VISIT WWW.ZEBRA.COM/3600

* DS imager models only



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