



# JLT3678SR and JLT 3678ER

## Ultra-rugged cordless 1D/2D barcode scanners

### Barcode scanning at unstoppable performance

Warehouse workers scan thousands of barcodes every day to ensure order accuracy and on-time delivery. Their productivity depends highly on the quality of the scanner you put in their hands. JLT scanners deliver lightning-fast capture of any 1D or 2D barcode in virtually any condition, nearer and farther than any scanner in its class. Even if the barcodes are under shrinkwrap or damaged, dirty or poorly printed – these intelligent scanners handle it all.

The JLT3678 scanners have the highest drop, tumble and sealing specification in its class. They are built to survive a 2.4 m / 8 ft drop to concrete and operates reliably after 5,000 tumbles, simulating the real-world tumbling that occurs with a drop. These scanners are dust, spray and waterproof to IP67 and designed for use in freezing temperatures.

Use the scanners together with our rugged computers, and you are ready for the toughest environments – the warehouse and manufacturing floor. To maximize the utility of your scanners, several accessories including a vehicle cradle kit are available.



#### KEY FEATURES

- Captures and processes up to 20 barcodes simultaneously
- Fastest barcode reading on the market
- Sealed to IP67
- Operates in freezing temperature
- Handles 2.4 m/8 ft drop to concrete
- Operates reliably after 5,000 tumbles
- Unmatched scanning performance – from 7.6 cm/3 inch to 21.4 m/70 ft on extended range models

#### HIGHLIGHTS



##### Superior scanning capabilities

Scan barcodes in basically any shape, damaged or dirty, from close distance or far away, up to 21.4 m / 70ft – and faster than any other similar model on the market



##### The most indestructible design in its class

Built to survive a 2.4 m / 8 ft drop to concrete and operates reliably after 5,000 tumbles. They are dust, spray and waterproof to IP67, and can be used in freezing temperatures



##### Maximized uptime

Complete peace of mind with JLT:Care, the no-questions-asked service agreement from JLT

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### PHYSICAL CHARACTERISTICS

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**Dimensions**

18.5 x 7.7 x 14.2 cm / 7.3 x 3.0 x 5.6 inch

**Weight**

Standard range: 407 g / 14.34 oz

Extended range: 436 g / 15.38 oz

### PERFORMANCE CHARACTERISTICS

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**Scans per full charge**

Standard range: 100.000+

Extended range: 70.000+

**Aimer**

655 nm laser

**Illumination**

One 660 nm LED

**Image sensor**

1280 x 800 (1 Megapixel)

**Minimum print contrast**

25% minimum reflective difference

**Skew/Pitch/Roll**

Skew  $\pm 60^\circ$ /Pitch  $\pm 60^\circ$ /Roll  $\pm 360^\circ$

### ENVIRONMENT

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**Operating temp.**

-20° C to 50° C / -4° F to 122° F

**Storage temp.**

-40° C to 70° C / -40° F to 158° F

### INTERFACES

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**Battery**

PowerPrecision+ 3100 mAh Li-Ion Rechargeable

### DECODE CAPABILITIES

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**1D**

Code 39, Code 128, Code 93, Codabar / NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma)

**2D**

PDF417, Micro PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Chinese Sensible (Han Xin), Postal Codes, DotCode

**Digimarc**

Digital watermark technology

### BLUETOOTH RADIO

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**Bluetooth radio**

Bluetooth Class 1, Version 4.0 (LE), serial port (SPP) and HID profiles

**Data rate**

3 Mbit/s (2.1 Mbit/s) for Classic Bluetooth 1 Mbit/s (0.27 Mbit/s) for Low Energy

**Radio range**

Direct line of sight in open air: Class 1: Minimum 300 ft. (100.0 m); Class 2: Minimum 30 ft. (10.0 m)

### REGULATORY

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**Environmental**

RoHS EN 50581: 2012

**Electrical safety**

EU Safety: EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + AC 2011 + A2: 2013; International Safety: IEC 60950-1: 2005 + A1: 2009 + A2: 2013 US/Canada Safety: UL 60950-1, second edition, CAN/CSA-C22.2 No. 60950-1-07

**Laser/LED safety**

Complies with 21 CFR1040.10 and 1040.11 except for deviations pursuant to Laser Notice NO. 50, dated June 24, 2007 and IEC/EN 60825-1:2007 and/or IEC/EN 60825-1:2014

**IUID support**

Supports IUID parsing, the ability to read and separate IUID fields per application requirements

### ACCESSORIES

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Cradle

Battery charger

Battery

Tool Balancer Pulley