Zebra LS3578 barcode scanner

A sensor that sees almost invisible. The Zebra / Motorola LS3578 is a laser, rugged, wireless sensor suitable for industrial applications, featuring readable 1D barcodes and advanced data capture technology in a challenging environment.

The LS3578-FZ is a durable device designed for the most demanding industrial applications with multiple scanning. Unlike conventional sensors, the LS3578-FZ is able to decode badly damaged barcodes and less printed codes (eg dot-matrix printers) thanks to fuzzy logic technology. In addition, it is equipped with both light and audible bar code readings. Two large LEDs and a loud sound indicator are conveniently placed to ensure that the user noticed a barcode readout without any problems. The LS3578 supports remote remote management and parameter setting, called Remote Scanner Management (RSM). Remote management allows you to detect, configure, and upgrade installed sensors, significantly reducing operating costs. Communication bases are available for desktop or wall mounting or for mounting on a forklift.

Key Features of the LS3578:

- features an ergonomic design with the ability to be used in numerous scanning applications
- the reader window seated deeper in the scanning area is scratch-resistant
- the sensors resist a repeated fall from a height of 2 m on the concrete
- are provided with a metal eyelet for hanging

Technical Description

Functionality & Operation	
Communication interface	USB, RS232, keyboard
1D Barcode Symbologies	All standard one-dimension barcodes
Optical	
Light source	visible red LED 650 nm
Scanning rate	36scan/s
Electrical	
Main battery pack	Li-Ion 2200 mAh, 3,7V
Mechanical	
Dimensions	Width: 122.5mm, Height: 186.5mm, Length: 73.4mm
Weight	414g
Color	black, yellow
Environment	
Operating temperature	-20 to 50°C
Storage temperature	-40 to 60°C
Shock resistance	multiply drops from 2 m onto concrete surface
Operating humidity (non-condensing)	5 to 95%
Electrical static discharge	±8kV contact, ±20kV air
Ingress protection	IP65
Others	
Warranty	3 years