

H series handheld industrial barcode reader (LS-H920)

LS-H920 series · Handheld code readers · 3 models

Handheld industrial barcode reader with a decoding algorithm designed for mobile scenes, a training function for designated barcodes, coaxial aiming, and a Bluetooth 5.0 wireless version with a 3100 mAh battery.

Features

- Handheld algorithm engine designed for mobile scenes, copes with difficult-to-read codes
- Training function: train designated barcodes to improve scanning efficiency
- Coaxial aiming for easy code reading
- Bluetooth 5.0 with 3100 mAh battery (wireless version)
- IP67 durable and reliable
- Rich communication protocols
- Tail end prevention
- Quick start
- Easily switch interfaces

Applications

- 3C electronics
- Automobile manufacturing (DPM part traceability)
- Logistics



Common specifications

Support barcode	2D: Datamatrix (ECC200), QR Code; 1D: Code39, Code93, Code128, EAN13, EAN8, UPC-E, interleaved 2 of 5
Image sensor	1280*800 Pixel Global Shutter CMOS
Max acquisition frame rate	60FPS
Pixel size	3.0μm
Target size	1/4"
View field	31° horizontally, 20° vertically
Check angle	Tilt angle ±60°, deflection angle ±60°, rotation angle 360°
Symbol contrast	20%
Depth of field range	DM 5mil 10-60mm / DM 10mil 10-100mm
Focal length (mm)	6.8
Lens mount	M8
Ambient lighting	0~10000lux
Light source	Diffuse: White LED
Aim	Green LED, coaxial aiming
Instruct	Three-color LED, OLED display, buzzer, vibrator
Trigger	Single trigger button, four user interaction buttons
IP protection level	IP67

Button life	10W times (100,000)
Drop height	2m
Humidity	20~95% RH no condensation
Certification	CE, FCC, RoHS

Ordering code: LS-H920 (wired) / LS-H920-S-BT-01-01 (wireless, USB receiver) / LS-H920-B-BT-01-02 (wireless, Ethernet/RS232 receiver)

Models

Model	Communication protocol	Interface	Powered by	Max power consumption	Operating temperature	Storage temperature	Voltage
LS-H920	USB (HID/CDC)	USB 2.0	24V DC, USB 5V	2W	10~45°C	30~70°C	24 V DC / USB 5 V
LS-H920-S-BT-01-01	Barcode reader: Bluetooth; Receiver: USB HID	USB 2.0	Barcode reader: 3.8V DC (battery powered); Receiver: USB 5V	Barcode reader standby mode: 1.0W@3.8V DC; working mode: 2.5W@3.8V DC; Receiver: 0.5W	Working: -10~45°C; Charging: 0~45°C	30~70°C (no batteries included)	3.8 V DC battery (receiver USB 5 V)
LS-H920-B-BT-01-02	Barcode reader: Bluetooth; Receiver: RS232, TCP/IP, Ethernet/IP, Profinet	Fast Ethernet (100 Mbit/s), RS232, DC head	Barcode reader: 3.8V DC (battery powered); Receiver: 12V DC	Barcode reader standby mode: 1.0W@3.8V DC; working mode: 2.5W@3.8V DC; Receiver: 1W	Working: -10~45°C; Charging: 0~45°C	30~70°C (no batteries included)	3.8 V DC battery (receiver 12 V DC)

More values per model (Resolution, Shutter, Min reading accuracy, Bluetooth, Wireless range, Battery, Charging time, Battery life) are on each product page.

Product views



