



Make Enterprise Material Management Simpler, Smarter, and More Efficient



Guangzhou Zebra Information Technology Co., Ltd.

Smart Handheld Terminal

Model: ZSW-D08

Version: V3.0

Date: June 02, 2026



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Product Image



Product Overview

The ZSW-D08 Smart Handheld Terminal is an all-in-one device launched by Zebra Technology, supporting warehouse inbound/outbound management and inventory functions.

The Smart Handheld Terminal supports inbound, outbound, return, transfer, and inventory functions for consumables, assets, and reagents. One PDA can complete all related inbound/outbound management needs, meeting the requirements of different materials.



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Key Features

- Android 12.0 operating system
- Octa-core 64-bit processor, 2.45 GHz
- 4GB RAM + 64GB ROM, expandable up to 256GB
- 5.5-inch full-color display (720 × 1440)
- Multi-touch support, glove touch, wet operation
- 5000mAh removable battery
- Professional barcode scanner for 1D/2D codes
- 4G/3G/2G full network support
- NFC support: RFID 13.56MHz, ISO15693, ISO14443A/B, Mifare, Felica

Technical Specifications

Item	Specification
Model	ZSW-D08
Operating System	Android 12.0
Processor	Octa-core 64-bit, 2.45 GHz
Memory	RAM+ROM: 4GB+64GB
Extended Memory	Micro SD card, up to 256GB
Dimensions	156.9mm × 72.3mm × 16.9mm
Weight	Main unit (with battery) not exceeding 266g
Display	5.5-inch full-color display (720 × 1440)
Touch Screen	Multi-touch, glove touch, wet operation, passive pen signature
Main Battery	5000mAh, removable
Charging Time	5V2A, less than 4 hours
Audio	1.5W speaker, microphone (noise reduction), earpiece (echo cancellation)
Interface	USB Type-C: supports OTG, headphone signal; Bottom pogo pin × 4: supports charging/data transfer
Buttons	Volume +/-, Power, Scan button × 2
Camera	Front 5MP, Rear 13MP, PDAF, with flash
Sensors	Proximity, light, accelerometer, geomagnetic, gyroscope
Scanner	Professional scan engine, supports 1D/2D barcodes, screen scanning
WWAN	4G/3G/2G full network
Bluetooth	BT5.0 + BR/EDR + BLE
WiFi	2.4G/5G dual band, IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v/w, Fast roaming: PMKID caching; 802.11r (Over-the-Air); OKC
Positioning	GPS, A-GPS, Beidou, GLONASS, Galileo
NFC	RFID 13.56MHz, supports ISO15693, ISO14443A/B, Mifare, Felica

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Operating Temperature	-20 ~ +60℃
Storage Temperature	-40 ~ +70℃
Humidity	5%RH ~ 95%RH (No condensation)
Drop Resistance	1.2m multiple drops to smooth concrete floor
Protection Rating	IP67
ESD Protection	Air discharge $\pm 15\text{KV}$, contact discharge $\pm 8\text{KV}$

Notes

For safe and effective use of this product, please read the following before use.

- Non-professionals are strictly prohibited from disassembling the enclosure to prevent product damage.
- This product contains batteries. Do not dispose of in fire or use in explosive environments to prevent battery explosion.