

IM90

Portable Data Collector

• Rugged Construction

ITW-IM90 Pro's rugged housing is sealed to IP65(optional for IP67) standards for protection against dust and water and withstands 1.5m drops to concrete

• Long Battery Life

ITW-IM90 Pro is equipped with a 4500mAh battery that provides a full-shift battery life of up to 10 hours from a single charge.

What's more, the battery is changeable which guarantees the all-day continue use of device.

• User-focused Ergonomics

The user-focused ergonomic design renders a lightweight and well-balanced device that reduces stress and fatigue during extended work sessions.

Its multi-position scan buttons provide the most comfort to use for either right- or left-handed operators.



Specification

Performance

Processor	: Qualcomm 1.8GHz, Octa-core 64-bit processor
OS	: Android 10
Memory	: 4GB RAM, 64GB ROM
Interface	: Micro USB 2.0 OTG at the bottom, 8Pin extended contact on the back

Physical

Dimensions	: 155(W)×78(D)×20(H) (max dimension); 155(W)×76(D)×18(H) (grip part)
Weight	: 265g (including battery)
Display	: 5" (resolution 1280×720) Capacitive touch screen, Corning Gorilla Glass
Keypad	: 10 keys (side keys included)
Notification	: Vibrator, speaker and multi-color LEDs
Battery	: 3.8V, 4500mAh (optional for 6500 mAh)
Camera	: Front camera 2 megapixels, Rear camera 13 megapixels, auto focus, with LED flashlight
GPS	: GPS(A-GPS)/GLONASS or GPS(A-GPS)/Galileo
Expansion	: Micro SD card (max. 128GB)
Sensor	: Gravity sensor, Light & Proximity sensor
Card Slot	: SIM*1, Micro SIM*1, TF*1
AC Adapter Output	: DC5V, 2.0A
Input	: AC100~240V, 50~60Hz
Operating Temperature	: -20°C to 55°C (-4°F to 131°F)
Storage Temperature	: -40°C to 70°C (-40°F to 158°F)
Humidity	: 5% to 95% (non-condensing)
Static Discharge	: ±15 kV (Air discharge), ± 8 kV (Direct discharge)
Drop	: 1.5m drops to concrete (for six sides, one drop per side)
Sealing	: IP65 or IP67 (Optional)

Environmental

2D Barcode	1D: Code128, UCC/EAN-128, AIM-128, EAN-8, JAN-8, EAN-3, ISBN/ISSN, CMOS (≥5mil) UPC-E, UPC-A, Interleave2/5, ITF-6, ITF-14, Deutsche14, Deutsche12, COOP25, Matrix2/5, Industrial2/5, Standard25, Code39, Codabar/NW7, Code93, Code 11, Plessey, MSI/Plessey, GS1 Databar, etc.
2D:	PDF-417, QR Code, Data Matrix, Chinese sensible code, etc.

Barcode Scanning

Depends on Barcode	: Code39(20mil) 90mm-600mm; EAN13(13mil) 60mm-420mm
Type and Environment	Code39(5mil) 102mm-205mm; DM(10mil) 110mm-275mm PDF417(6.7mil) 90mm-173mm; QR(15mil) 40mm-230mm

Wireless

WLAN	Bands : Built-in 802.11 a/b/g/n/ac, compatible with 11 d/h/i/k/r/v/w, Support 2.4G and 5G dual frequency
	Roaming : Support Fast Roaming
WWAN RADIO	2G - GSM :850/900/1800/1900MHz 3G - WCDMA: B1/B2/B5/B8, CDMA 1x/EVDO: BC0 4G - FDD-LTE: B1/B2/B3/B5/B7/B8/B20/B28a&b TDD-LTE: B38/B39/B40/B41(100M)
Bluetooth	Dual mode, BT4.2+LE (Backward-compatible)

Accessory

(Optional) : AC adapter, cable, charging cradle,
wrist lanyard, 4-slot charger, etc.

Certificates & Protection

Certificates : CE, FCC, BIS, RoHS2.0, REACH2.0,
AER, SOTI, UN38.3, IEC62471, KC

Contact

tel. 82) 2-460-9800
dssales@doosoun-cni.com
<http://www.doosoun-cni.com>