

Marshall 8 Plus Kit

Lightweight, Portable, and Field-Ready ID Registration Solution



The Aratek Marshall 8 Plus Kit is a lightweight, all-in-one biometric enrollment solution designed for on-the-go ID registration. Unlike bulky traditional setups, this backpack-based kit enables organizations to conduct identity registration efficiently, even in remote and challenging environments. At its core, the MOSIP-compliant Marshall 8 Plus biometric tablet integrates ID document verification via MRZ, barcode, and contact/contactless card reading with multi-modal biometric capture, including FBI-certified fingerprint scanning, facial scanning, and optional iris scanning—delivering a complete enrollment solution in a single device. Supporting the tablet are essential accessories, including a solar panel for off-grid use, a compact printer for instant documentation, a stylus pen for digital signatures, and protective accessories for durability. Designed for election commissions, government agencies, humanitarian organizations, and law enforcement, the Marshall 8 Plus Kit provides a seamless, field-ready solution for ID registration—anytime, anywhere.



Ultra-Portable Enrollment Kit

A lightweight, backpack-based kit designed for efficient ID registration anywhere.



Multi-Modal Biometric Capture

Supports fingerprint (FBI FAP 60), facial, and iris scanning for reliable biometric data enrollment.



Comprehensive ID Document Verification

Reads MRZ, barcode, contact, and contactless cards for accurate identity validation.



Extended Power for Remote Use

Solar panel support and a portable power bank ensure uninterrupted operation in remote locations.



Tough & Weather-Resistant

Built to withstand harsh environments with an IP65-rated tablet, waterproof backpack, and reinforced protective accessories.



Instant Documentation

A compact printer allows for real-time printing of registration slips and applicant records.



Seamless Connectivity

Supports 4G LTE, Wi-Fi, Bluetooth, GPS, and dual SIM slots for real-time data transmission.



User-Friendly Digital Interaction

A rechargeable stylus pen enhances efficiency for signature capture and data entry.



Applications

- National ID
- Beneficial Programs
- Financial Services
- Border Control
- Voters Authentication
- SIM Card Activation
- Mobile Time & Attendance

Specifications

Biometrics

Fingerprint Scanner	FBI Mobile ID FAP 60 Aratek A910
Facial Recognition	Support
Iris Recognition (Option)	Dual Iris Capture

Credential Reading

NFC	ISO/IEC 14443 A/B
Contact Card Reader	ISO7816 Class A, B and C (5V/3V/1.8V) card
Barcode Reader	1D, 2D, PDF417, QR code, Code 39, Code 128, DataMatrix, UPC-A, etc.
MRZ Reader	Option

Communications

3G/4G	Support
Wi-Fi	IEEE 802.11 a/b/g/n/ac
Bluetooth	BT 5.0
GPS	GPS + GLONASS + Galileo + Beidou
SIM Card	Micro SIM Card*2
PSAM Card	PSAM Card*1
USB	USB Type-A*1, Type-C*1

Basic

Operating System	Android 13
Processor	Octa (8) Core, 2.0GHz
Memory (RAM+ROM)	4G+64G, 6G+128G or 8G+256G (Option)
Display	8-inch capacitive touch screen
Resolution	1280*800 pixels IPS
Camera	Front: 8MP FF Rear: 13MP AF + LED Flash
SD Card	Micro SD card, up to 256G
Battery	10000mAh
Charger	Input: 100-240V, 50/60hz, Output: 9V/2A Fast charging capability
Weight	1.3 kg
Dimension (W*L*H)	212.4*265.5*55.7 mm
Temperature and Humidity	Operation: 0°C~50°C, 10%~75% Storage: -20°C~60°C, 5%~85%
Ingress Protection	IP65

Certification

Certification	CE, FCC, RoHS
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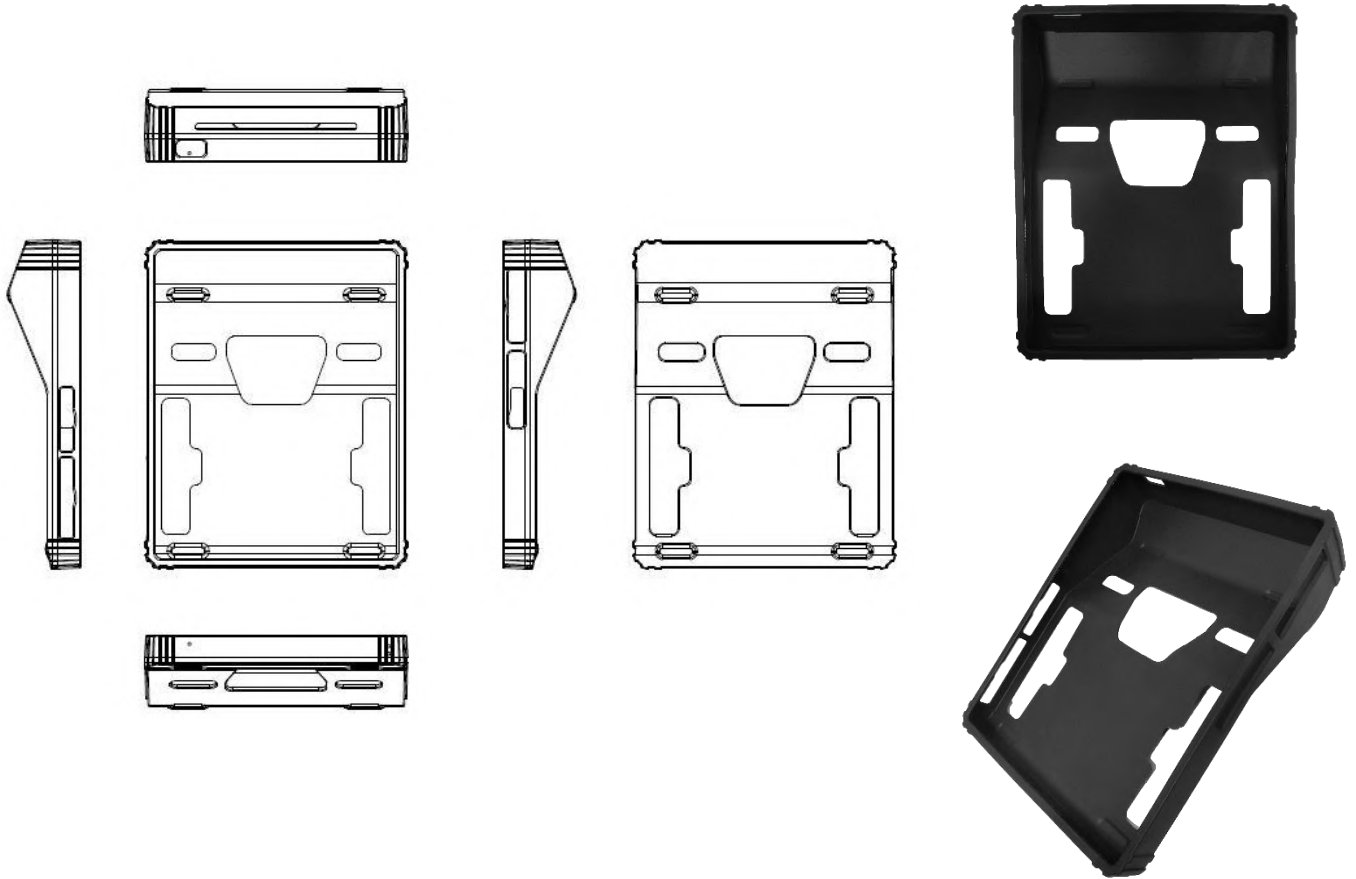
Specifications

Dimension (W*L*H)	10~20*30*47 cm
Weight	1.429 kg
Capacity	18-32 L
Material	PC



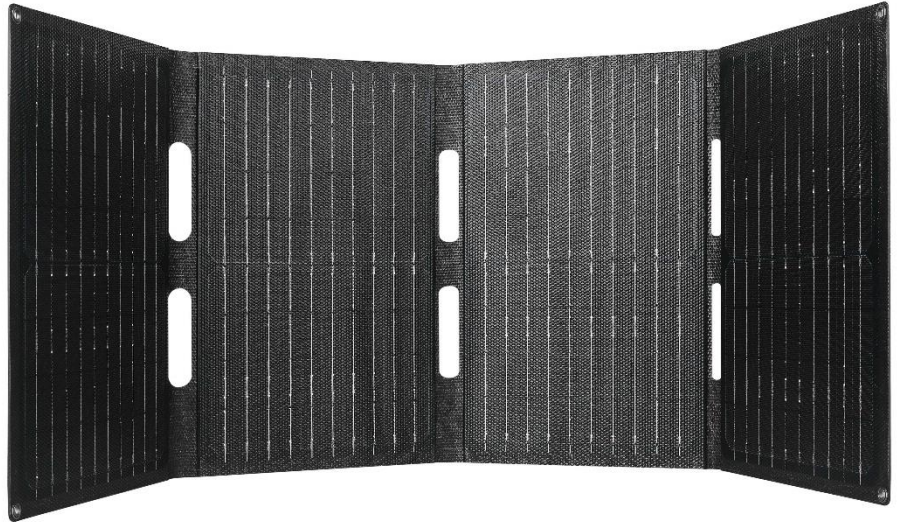
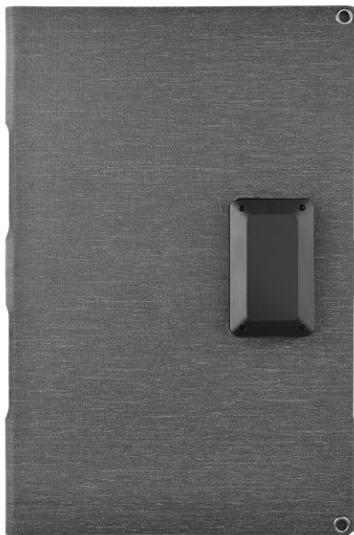
Specifications

Dimension (W*L*H)	273*318*107.2 mm
Weight	519 g
Material	EVA



Specifications

Dimension (W*L*H)	217.8*273.4*60.9 mm
Weight	959 g
Material	TPU



Specifications

Folded Dimension (W*L*H)	205*323*30 mm
Unfolded Dimension (W*L*H)	323*835*16 mm
Weight	0.9kg±5%
Material	ETFE Monocrystalline Solar Panel/ Waterproof Chenille Fabric/ Intelligent Charging Chip
Power	40W
Output	DC: 18V/2.23A Max USB-A: 5V/3.4A, 9V/2.5A, 12V/2A (QC3.0 24W) Type-C: 5V/3A, 9V/3A, 12V/2.5A, 15V/2A (PD30W)



Specifications

Capacity	10000 mAh
Dimension (W*L*H)	141*70*16mm
Texture	Plastic
Color	Black
Input	Micro: 5V/2.0A, 9V/2.0A, 12V/1.5A USB-C: 5V/3.0A, 9V/2.0A, 12V/1.5A
Output	USB-A: 5V/4.5A, 9V/2.0A, 12V/1.5A (22.5W Max) Type-C: 5V/3.0A, 9V/2.22A, 12V/1.67A (20W Max)



Specifications

Physical Parameters

Dimension (W*L*H)	58*110*117.8 mm
Weight	400 g (with battery)

Printing Spec

Print Method	Direct thermal
Resolution	203 dpi
Print Speed	Max.60mm/s
Print Width	Max.72mm
Print Protocol	CPCL

Media Spec

Type	Thermal label paper, Receipt paper
Width	25mm~80mm, adjustable
Paper Roll Outer Diameter	Max.50mm
Thickness	53μm~150μm
Paper Outlet Direction	Upward

Communication Interface

Standard	USB Type-C, Dual-mode Bluetooth 5.2
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Power Supply

Input	AC 100~240V, 50/60Hz
Output	DC 5V, 1A

Battery Spec

Type	Rechargeable Lithium Battery
Voltage	7.4V
Capacity	2000 mAh

Environmental Parameters

Operating	0°C~45°C, 25%~85%RH, non-condensing
Storage	-20°C~70°C, 5%~95%RH, non-condensing



Specifications

Feature	Drawing/Writing, Note-taking, Touch
Dimension (W*L)	9*175 mm
Weight	16.6 g
Charging Cable	Micro-USB
Charging Voltage	4.2V/0.2A
Charging Time	100-130 min
Working Hours	12 hr
Battery	140 mAh
Intelligent Power Saving	30 min/5 min automatic power off
Standby Time	1 year
Color	White
Accessories	Lanyard (Option)

Aratek Biometrics Co., Ltd.

10F, No. 131, Songjiang Road, Zhongshan District, Taipei City 10491, Taiwan

Tel: +886 2-2501-0001

E-Mail: sales@aratek.co