



Data Collection Handheld



The **Solo** data collection handheld, from AML, is a true radio-free device for barcode data collection applications designed for secure environments where the presence of radios or radio components are strictly forbidden. All or parts of some military bases, defense contractors, and government agencies may operate with a total ban on any device containing a radio of any kind, including cellular, Wi-Fi®, or Bluetooth®. Even some commercial organizations may prefer non-wireless barcode data collection to prevent ransomware attacks and data breaches.

In the mobile computer space, almost every device on the market today includes one or more radios, e.g. cellular, Wi-Fi, Bluetooth, etc. Simply disabling these radios is not enough protection and does not meet the requirements for sensitive and high-security environments. AML's Solo data collection handheld has no radio devices therefore eliminating this concern at the core issue.

Solo comes preloaded with AML's popular DC Suite software to complete a variety of tasks including cycle counts, tracking assets, or checking tools in or out. Once your data collection is complete, simply upload the data to a secure PC via the provided USB port. DC Suite includes seven pre-written applications, but users can create their own applications by downloading DC Console from the AML website. DC Console is a license-free PC-based application that allows users, with no programming skills, to either modify one of the existing DC Suite applications or create new apps from scratch.



Solo is configurable with or without a pistol grip handle, two different keypad options, various barcode scanner technologies, and a variety of charging accessory options. It also includes a built-in dual-beam flashlight and an optional camera.

Solo not only provides the ideal hardware/software solution for barcode data collection tasks, but also eliminates all security concerns related to network security breaches.

Solo is proudly Made in America.

- **Android 7.1 Operating System**
- **Rugged 5" LCD with Capacitive Touchscreen**
- **Multiple Barcode Scan Engine Options**
- **Available with or without Pistol-Grip Handle**
- **47-key Backlit Alphanumeric Keypad**
- **Optional Numeric Backlit Keypad**
- **No wireless data communications**
- **Integrated Flashlight**
- **Optional 5MP Camera**



Physical Specifications

Keypad Alphanumeric tactile feedback - backlit, 47 keys
Numeric/Function Tactile Feedback - backlit, 41-keys

Trigger Dual Trigger Design
(Scan Engine / Flashlight)

Audio Built-in 1W Speaker
Headphone/Mic port (3.5mm standard CTIA Phone Jack)

Cradle Port Charge/Power Device
USB Host
USB Client

Dimensions 9.5" x 4" x 6.9" (242mm x 101mm x 176mm)
(without handle) 9.5" x 4" x 1.75" (242mm x 101mm x 45mm)

Weight 24oz (680g)
(without handle) 23.2oz (660g)

Environmental Specifications

Storage Temp -20° C to 85° C / -4° F to 185° F

Operating Temp -20° C to 50° C / -4° F to 122° F

Drop Rating 6 Feet / 1.829 Meters

Sealing IP65

Performance Specifications

Processor Quad Core processor 1GHz

OS Android 7.1

Memory (RAM) 1GB Dual Channel DDR3L

Internal Storage 4GB eMMC

Removable Storage UHS-1 SDXC CARD

Graphics Integrated Vivante video graphic subsystem

Camera (optional) 5MP with Autofocus

Sensors

- Ambient Light sensor
- Accelerometer
- Haptic Feedback
- LED Flashlight

Scan Engine Options 1D Laser
2D Imager; Near/Far 2D Imager

Display Projected Capacitive Multi-touch
Hardened/Tempered Glass
Optically Bonded
5.0" - 480 x 800 TFT LCD
550+ NIT Backlight

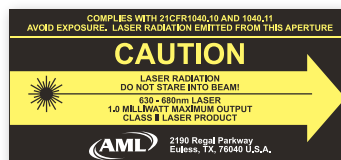
Main Battery 24.3 Watt-hour Lithium-Ion
Backup Battery 3 Watt-hour Lithium-Ion

Standard Warranty

AML products are warranted against defects in material and workmanship under normal use and service for a period of one year from the date of purchase. The obligation of AML under this warranty is limited to furnishing labor and materials necessary to return the product to its normal operating condition, or to replace the unit, at AML's discretion, and only on a "return to factory" basis. This limited warranty does not extend to any product, which has been modified, misused, abused, or incorrectly installed. Warranty, also, does not extend to any product that has been repaired or altered by any party other than AML, or has been subjected to unusual physical or electrical stress, negligence or accident. Prior to returning a product for repair, the user must obtain a Return Authorization Number, which must be clearly marked on the outside of the shipping container.

Regulatory Approvals

Class II Laser



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