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Patents

See www.patents.datalogic.com for patent list.


Reference Documentation

For further information regarding the Memor 20 refer to the SDK Help on-line, downloadable from our developer portal: <https://developer.datalogic.com/mobile-computers>.

Support Through the Website

Datalogic provides several services as well as technical support through its website.

Log on to www.datalogic.com.

For quick access, from the home page click on the search icon , and type in the name of the product you're looking for. This allows you access to download Data Sheets, Manuals, Software & Utilities, and Drawings.

Hover over the Support & Service menu for access to Services and Technical Support.

Warranty Terms and Conditions

The warranty period is 1 year for the device and 90 days for consumables (e.g. battery, power supply, cable etc.) from date of purchase at our company.



memor 20

**Rugged Mobile Computer
with 1D/2D Imager**



Quick Start Guide



822003252 (Rev. C) April 2020



See the Safety & Regulatory Addendum included with your product for additional regulatory, safety and legal information.

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DATALOGIC

www.datalogic.com

Out of the Box

The Memor 20 package contains:

- Memor 20 PDA
- Rechargeable one-piece battery pack
- USB Type-C cable
- Light Handstrap
- Quick Start Guide
- Safety & Regulatory Addendum
- End User License Agreement (EULA) Sheet

Remove all the components from their packaging; check their integrity and compare them with all the packing documents.



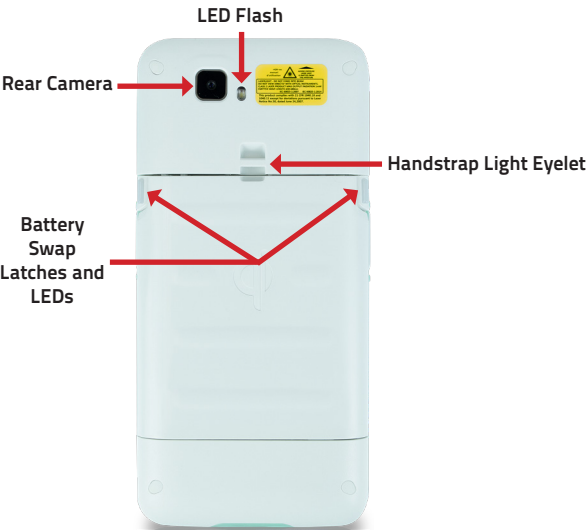
Keep the original packaging for use when sending products to the technical assistance center. Damage caused by improper packaging is not covered under the warranty.

General View

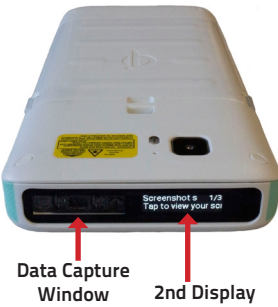
Front View



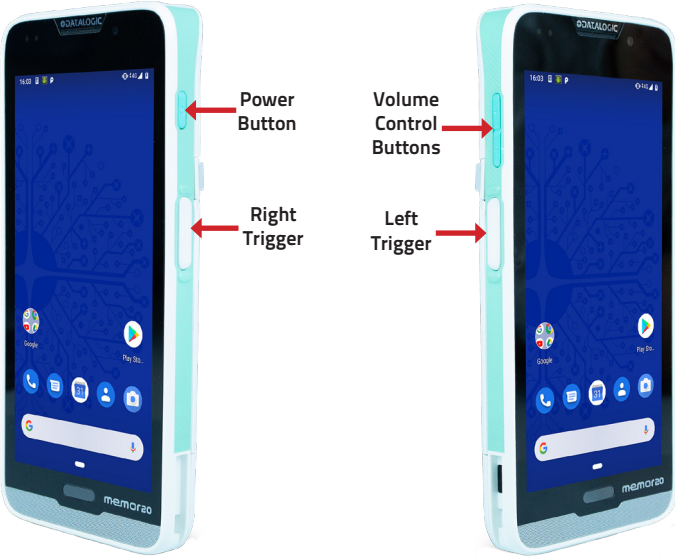
Back View



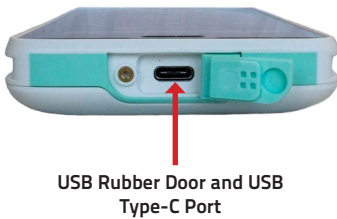
Top View



Side View

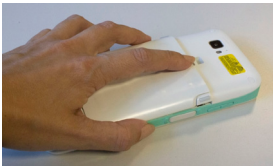
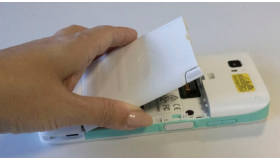


Bottom View



Battery Installation

1. Insert the battery pack into the slot, bottom first, and press it into place until it clicks:

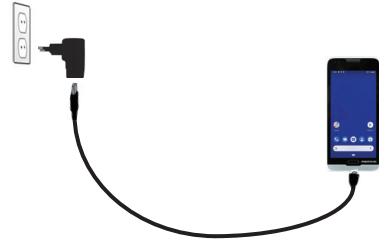


Charging Instructions

The battery pack is not initially fully charged. After installing the battery, charge it with the USB Type-C or with a dock (single slot dock, 3-slot dock, vehicle dock, 4-slot battery charger). During the charging process the charging LED positioned at the top left side of the display glows red constantly. Once the charging process has been completed, the charging LED glows green constantly.

Charge with USB

Use the provided USB Type-C cable in conjunction with the power supply adapter to charge the device from a power outlet. The charger is modular, with one adapter and five switchover plugs.



You can also use the USB cable to charge the Memor 20 from any self-powered USB hub or USB port on a computer.



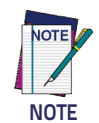
Use only the Datalogic power supply 94ACC0249 POWER SUPPLY USBC, DEVICE/DOCK, MEMOR 20 to power the Memor 20.

Charge with the Dock

Insert the device into the dock with the screen facing front and the head facing up.



Use only a Datalogic approved power supply to power any of the docks. Do not put any foreign object such as, but not limited to, coins, paper clips, stickers inside the slot of any of the docks. Do not apply any sticker to the Memor 20 (see the examples below).



The Memor 20 may get warm during charging. This is normal and does not mean a malfunction. For information on the single slot dock/ 3-slot dock/ vehicle dock/ 4-slot battery charger refer to the Quick Start Guide included in the dock's box.

Battery Swap

Battery Swap mode is a low power suspend mode that allows you to replace the battery pack without closing files and applications. Such mode is associated with a unique LED notification process, called "SafeSwap" for application data protection, that is object of a Datalogic pending patent application. To switch to Swap Battery mode and SafeSwap notification follow the steps below:

1. Press and hold the Power button to display the **Long Press Menu** and tap **Battery Swap > Confirm**.
2. The charging LED starts blinking blue. The battery swap LEDs light up solid red:



3. Wait for the LEDs to turn solid green to replace the battery.



4. Press and release the power button to resume your session. The charging LED turns off.



Replace the battery pack within 90 seconds after its removal from the device.



Be sure to insert a charged battery pack. If the battery is fully discharged, the device will turn off and your session data will be cleared.

The battery swap procedure is not available when the device is connected via USB cable.

Do not insert or replace SIM cards during the battery swap procedure.

The battery swap procedure is not available if the Ni-MH battery is fully discharged.

The spare battery pack is configured in ship mode at the factory. Before inserting a new battery, charge it with the CHARGER, 4 SLOT BATTERY, MEMOR 20 (available as accessory, p/n 94ACC0246).

Cleaning Instructions

Periodically clean the Memor 20 Healthcare device and the docks using a soft cloth slightly dampened with only water, or one of the following allowed cleaning agents:

- Sani-Cloth® HB, Sani-Cloth® Plus,
- Super Sani-Cloth®
- Hepacide Quat II
- Alcohol Wipes 70%
- CaviWipes™
- Virex® 256
- 409® Glass and Surface Cleaner
- Windex®
- Clorox® Bleach
- 100% Gentle dish soap and water.

Do not use any other cleaning agents (e.g. different alcohol, abrasive or corrosive products, solvents) or abrasive pads to clean the device.

Do not spray or pour liquids directly onto the device.

The device is IP65 and IP67 waterproof.

Scanning and Imaging

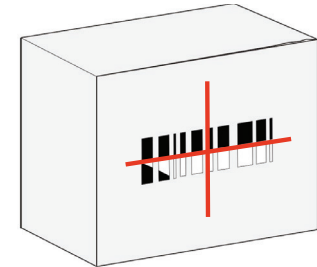
2D Imager Data Capture

To scan a bar code symbol:

1. Point the scan window at the bar code.
2. Press one of the scan triggers. The imager projects a laser aiming pattern similar to those used on cameras. The aiming pattern is used to position the barcode or object within the field of view.
3. Center the symbol in any orientation within the aiming pattern. Ensure the entire symbol is within the rectangular area formed by the brackets in the aiming pattern, then either wait for the timeout or release the Scan Key to capture the image. A red beam illuminates the symbol, which is captured and decoded.

If the scan has been successful:

- If enabled, the good read beep plays.
- If enabled, the GreenSpot projects a green spot onto the bar code image.
- If enabled, the good read indicator positioned at the top left side of the display glows solid green.



Linear Bar Code



2D Matrix Symbol



Relative Size and Location of Aiming System Pattern

