

## Datalogic S.r.l.

Via San Vitalino 13  
40012 Calderara di Reno (BO)  
Italy  
Tel. +39 051 3147011  
Fax +39 051 3147205

### ©2019 Datalogic S.p.A. and/or its affiliates

♦ All rights reserved. ♦ Without limiting the rights under copyright, no part of this documentation may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means, or for any purpose, without the express written permission of Datalogic S.p.A. and/or its affiliates. Owners of Datalogic products are hereby granted a non-exclusive, revocable license to reproduce and transmit this documentation for the purchaser's own internal business purposes. Purchaser shall not remove or alter any proprietary notices, including copyright notices, contained in this documentation and shall ensure that all notices appear on any reproductions of the documentation. Should future revisions of this manual be published, you can acquire printed versions by contacting your Datalogic representative. Electronic versions may either be downloadable from the Datalogic website ([www.datalogic.com](http://www.datalogic.com)) or provided on appropriate media. If you visit our website and would like to make comments or suggestions about this or other Datalogic publications, please let us know via the "Contact Datalogic" page.

### Disclaimer

Datalogic has taken reasonable measures to provide information in this manual that is complete and accurate, however, Datalogic reserves the right to change any specification at any time without prior notice. Datalogic and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S.A. and the E.U.

Memor is a trademark of Datalogic S.p.A. and/or its affiliates. All other brand and product names may be trademarks of their respective owners. Google, Google Play and other marks are trademarks of Google LLC.

### Patents

See [www.patents.datalogic.com](http://www.patents.datalogic.com) for patent list.

## Reference Documentation

For further information regarding Memor 20 refer to the SDK Help on-line and to the Memor 20 User's Manual, downloadable from our website [www.datalogic.com](http://www.datalogic.com).

## Support Through the Website

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

Log on to [www.datalogic.com](http://www.datalogic.com) and click on the **SUPPORT** link which gives you access to:

**Downloads** by selecting your product model from the dropdown list in the Search by Product field for specific Data Sheets, Manuals, Software & Utilities, and Drawings;

**Repair Program** for On-Line Return Material Authorizations (RMAs) plus Repair Center contact information;

**Customer Service** containing details about Maintenance Agreements;

**Technical Support** through email or phone.

## 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



822003240 (Rev. A) Jan. 2019



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

©2019 Datalogic S.p.A. and/or its affiliates. All rights reserved. Datalogic and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S. and the E.U.



[www.datalogic.com](http://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.



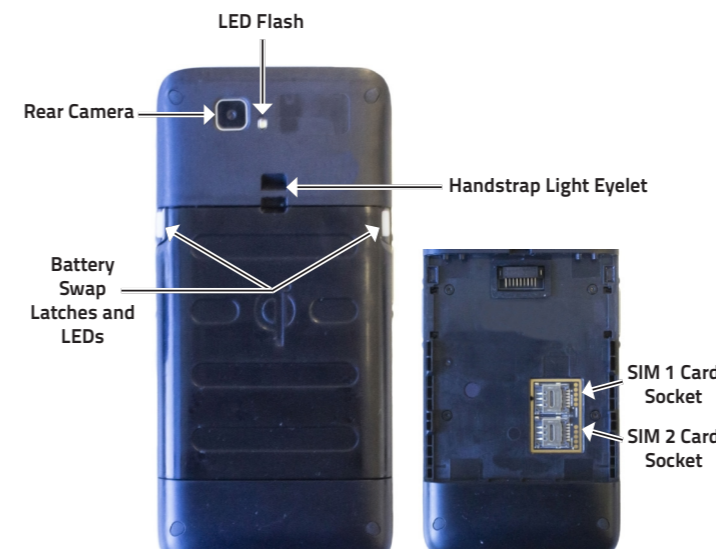
Keep the original packaging for use when sending products to the technical assistance center. Damage caused by improper packaging is not covered under the warranty.

## General View

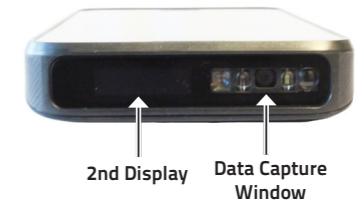
### Front View



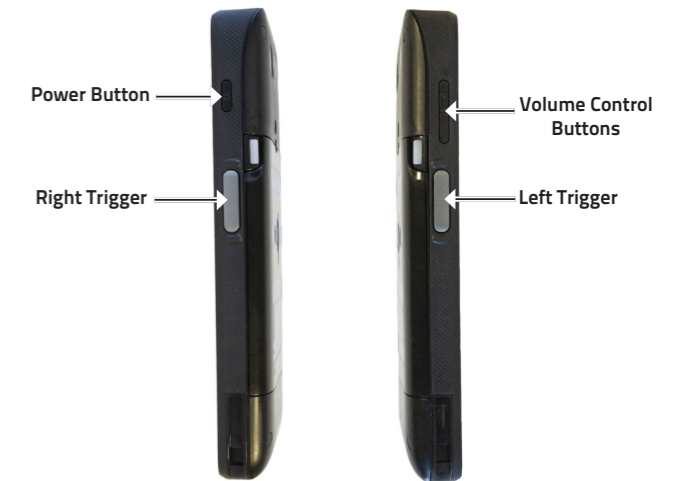
### Back View



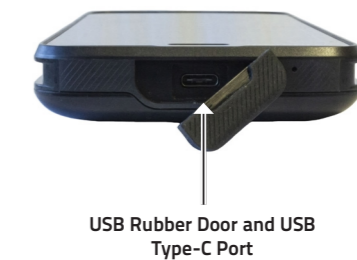
## Top View



## Side View



## Bottom View



## Battery Installation

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

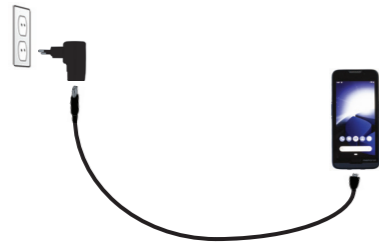


## Charging Instructions

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 a Datalogic approved power supply to power the Memor 20.

### Charge with the Dock

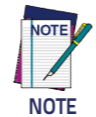
Insert the device into the dock with the screen facing front and the head facing up.



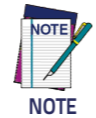
Use only a Datalogic approved power supply to power any of the docks.



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).



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.



The Memor 20 may get warm during charging. This is normal and does not mean a malfunction.

## SIM Card Installation

Memor 20 supports up to two nano SIM cards.

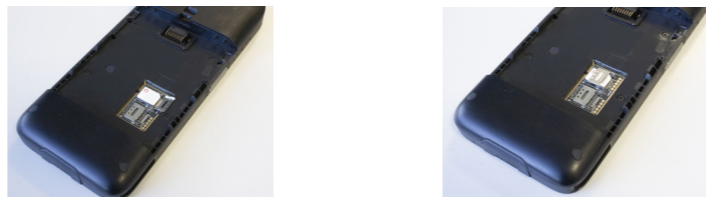
1. Turn off the Memor 20 or put it in swap battery mode (refer to the User's Manual for more details).
2. Press the battery latches and remove the battery pack:



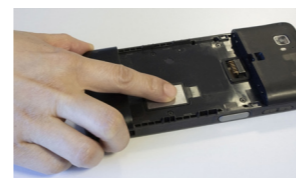
3. Pull the rubber label to remove the SIM door, then open the SIM card tray:



4. Place the nano SIM card in the tray with the written part upward and close the SIM tray.



5. Replace the SIM door and press it.



6. Replace the battery (see [Battery Installation](#)).

## Scanning and Imaging

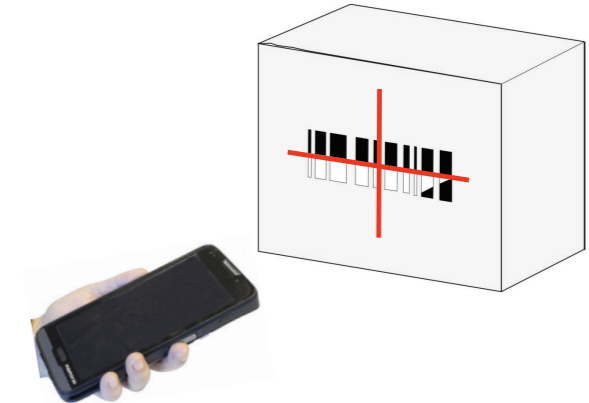
### 2D Imager Data Capture

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

