



## Coletor de Dados Datalogic Memor 11

O Datalogic Memor 11 é o produto ideal para qualquer aplicação de captura de dados, desde vendas assistidas até o chão de loja e o depósito. O Memor 11 acompanha uma poderosa plataforma Qualcomm Snapdragon e já utiliza o Android.

# MEMOR™ 11 FAMILY OF MOBILE COMPUTERS

Optimized performance and flexibility in a market-proven design



## FLEXIBILITY TAILORED FOR YOUR WORKFORCE

The Memor 11 family is designed to provide a versatile solution for today's mobile workforce. With an up-to-date operating system and enhanced processing capabilities, this family of devices deliver superior scanning performance and all-around efficiency. Whether you require flexibility in Retail, Warehouse, Manufacturing, or Transportation & Logistic applications, the Memor 11 family is built to meet your needs. Choose between Wi-Fi only or Wi-Fi/Cellular models to always be connected within your premises or wherever you go.

## RUGGED AND COMPACT DESIGN IN AN ENTERPRISE-GRADE FORM FACTOR

The market-proven, semi-rugged, and compact design of the Memor 11 follows the highly successful Memor 10 and can withstand more tumble hits than most comparable devices in the market.

## ADVANCED BATTERY MANAGEMENT AND WIRELESS CHARGING

Agile performance due to its long-lasting swappable battery and embedded SafeSwap™ Technology which ensures uninterrupted continuity. Its effective wireless charging system provides ultra-reliable contactless charging that helps reduce maintenance and promotes efficient charging.

## IMPROVED SCANNING PERFORMANCE

Heighten scanning performance in dark warehouse environments with the high-end 2D scan engine, plus increased accuracy and efficiency when paired with Datalogic's exclusive 'Green Spot' Technology in scan-intensive settings.

## ENTERPRISE-READY SOLUTION; A SECURE INVESTMENT

Certified as an Android™ Enterprise Recommended device with fortified security and privacy settings of Android 11, plus the benefits of Google Mobile Services.

## FEATURES

- Dedicated Wi-Fi Only and Wi-Fi/Cellular models
- Market-proven design, compact and robust
- Superior processing capabilities + 4GB of RAM
- 5-inch capacitive multi-touch HD display
- Android 11 with Google Mobile Services (upgradeable to Android 14)
- Ultra-slim 2D imager enhanced for dark environment performance + Datalogic's exclusive 'Green Spot' technology for visual good-read feedback
- Ultra-reliable swappable battery with SafeSwap™ capability and Smart Battery Management
- Contactless wireless charging helps reduce maintenance costs and promotes proper charging of the device
- Chemical resistant enclosure designed to withstand daily cleaning with harsh disinfectant solutions
- Backward compatible with all existing Memor 10 accessories
- Access to full suite of value-added Datalogic Software Applications Tools
- EASEOFCARE Service Plans and Datalogic Shield to extend lifecycle and extend years of protection on the device.

## INDUSTRY - APPLICATIONS

- **Retail:**
  - Assisted sales
  - Inventory Management
  - Markdowns / Markups
  - Shelf Replenishment
  - Online Order Fulfillment
  - BOPIS / BORIS
  - Access control / Ticketing
  - Hospitality: Order taking
- **Warehouse & Manufacturing:**
  - Inbound / Outbound Logistics
  - Sort, Pick, and Pack
  - Shipping / Receiving
  - Production & Quality Control
  - Inventory Management
  - Track & Trace
  - Intralogistics
- **T&L:**
  - Field Service / Maintenance
  - Deliveries / DSD
  - Route accounting / Order processing
  - Proof of Delivery / Damage
  - Workforce management

# MEMOR 11 FAMILY OF MOBILE COMPUTERS

## TECHNICAL SPECIFICATIONS

### WIRELESS COMMUNICATIONS

|  |   |
|--|---|
| <b>Local Area Network (WLAN)</b>             | IEEE 802.11 a/b/g/n/ac and 802.11 d/h/i/k/r/v/w; Wi-Fi alliance Certification; WPA3 (Personal and Enterprise)   |
| <b>Personal Area Network (WPAN)</b>          | Class 2, Bluetooth® V5.0, Low Energy (BLE) Support  |
| <b>NFC Communication</b>                     | Support for the following standards: ISO14443-4 (type-A, type-B); ISO15693; Mifare; Felica  |
| <b>*WWAN Cellular</b>                        | LTE-Advanced / 4G+; Cat 6<br><b>• EMEA and ROW Configuration:</b> GSM: Quad band; WCDMA: B1/5/8; FDD_LTE: B1/3/5/7/8/20/28; TDD_LTE: B38/39/40/41<br><b>• North America Configuration (PTCRB certified):</b> GSM: Quad band; WCDMA: B1/2/4/5/8; FDD_LTE: B2/4/5/7/12/13/17/25/26/28 |
| <b>*Only applies to Wi-Fi/Cellular Model</b> |   |
| <b>Global Positioning System (GPS)</b>       | Integrated Assisted-GPS (A-GPS)<br>Supported Types: GPS, GLONASS, BeiDou  |

### DECODING CAPABILITY

|                                |   |
|--------------------------------|---|
| <b>1D / Linear Codes</b>       | Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.   |
| <b>Digital Watermark Codes</b> | Digimarc® Barcode   |
| <b>2D Codes</b>                | Aztec Code, Data Matrix, HanXin Code, MaxiCode, MicroQR Code, QR Code, Dotcode  |
| <b>Postal Codes</b>            | Australian Post, Japan Post, KIX Code, PLANET, POSTNET, Royal Mail Code (RM4SCC), USPS Intelligent Mail   |
| <b>Stacked Codes</b>           | Micro-PDF417, PDF417, GS1 Composite, GS1 DataBar Expanded Stacked, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, OCR (ID Cards, Passport) |

### ELECTRICAL

|                          |   |
|--------------------------|---|
| <b>Battery</b>           | Replaceable battery pack with rechargeable Li-Ion batteries; 3.8 V; 4,100 mAh (15.6 Watt-hours) |
| <b>Wireless Charging</b> | 10 Watt fast charging   |

### ENVIRONMENTAL

|                                      |  |
|--------------------------------------|--|
| <b>Drop Resistance</b>               | Withstands drops from 1.5 m / 5.0 ft onto concrete (with rubber boot); Withstands drops from 1.2 m / 4.0 ft onto concrete (without rubber boot). Tested onto steel/concrete according to IEC 60068-2-32 Method 2 and MIL STD 810H Transit drop test. |
| <b>Tumbles</b>                       | Withstands 1,000 hits from 0.5 m / 1.6 ft and 250 hits from 1.0 m / 3.2 ft per IEC 60068-2-32 with rubber boot; Withstands 600 hits from 0.5 m / 1.6 ft per IEC 60068-2-32 without rubber boot   |
| <b>Particulate and Water Sealing</b> | IP65   |
| <b>Chemical Resistance</b>           | Chemical cleanser and industrial oil resistant   |
| <b>Healthcare Cleanable</b>          | Isopropyl Alcohol, Hydrogen Peroxide, Clorox® Bleach; applicable for both the device and docks   |
| <b>Temperature</b>                   | Operating: -20 to 50 °C / -4 to 122 °F<br>Storage/Transport: -30 to 70 °C / -22 to 158 °F  |

### INTERFACES

|                   |   |
|-------------------|---|
| <b>Interfaces</b> | USB-C: High Speed USB 2.0 Host and Client |
|-------------------|---|

### SENSORS

|                      |  |
|----------------------|--|
| <b>Vibration</b>     | Software programmable for duration and intensity     |
| <b>Magnetometer</b>  | Senses orientation (eCompass)                        |
| <b>Accelerometer</b> | 3-Axis accelerometer to detect orientation           |
| <b>*Gyroscope</b>    | Senses angular velocity *(Wi-Fi/Cellular model only) |
| <b>Ambient Light</b> | Auto adjusts display backlight                       |
| <b>Proximity</b>     | Auto deactivates display when close to face          |

### PHYSICAL CHARACTERISTICS

|                   |   |
|-------------------|---|
| <b>Dimensions</b> | 15.5 x 7.8 x 1.87 cm / 6.1 x 3.07 x 0.73 in   |
| <b>Display</b>    | 5 inch IPS HD resolution 720 x 1280; LED backlight; Touch Screen: 5 points multi-touch capacitive panel with Dragontrail hardened glass |
| <b>Keys</b>       | Physical Keys: 2 side scan keys; Power On/Off; Volume Up/Down; 3 user programmable Android™ keys  |
| <b>Weight</b>     | With Battery: 285.0 g / 10.0 oz   |

### READING PERFORMANCE

|                                 |   |
|---------------------------------|---|
| <b>Camera</b>                   | Resolution: 13 megapixel; Illumination: User controllable LED flash; Lens: Auto focus   |
| <b>Scan Engine</b>              | 2D Ultra slim area imager (supports 1D / 2D codes); Datalogic's 'Green Spot' for good-read feedback; Halogen™ DE2102-HP; Depth of Field: 4 to 90 cm / 1.6 to 35 in, depending on bar code density and type; Resolution: Megapixel (1280 x 800 pixels); Illumination: White and Red LEDs (for Digimarc); Aiming: 650nm VLD; Field of View: 42°H x 26°V |
| <b>Print Contrast (Minimum)</b> | 25%   |
| <b>Minimum Element Width</b>    | Halogen™ DE2102-HP: 1D Linear: 0.0635 mm / 2.5 mils; PDF: 0.0762 mm / 3 mils; Data Matrix: 0.152 mm / 6 mils  |

### SAFETY & REGULATORY

|                                 |   |
|---------------------------------|---|
| <b>Agency Approvals</b>         | The product meets necessary safety and regulatory approvals for its intended use. |
| <b>Environmental Compliance</b> | Complies to EU RoHS   |

### SOFTWARE

|   |   |
|---|---|
| <b>Applications</b>                     | Datalogic's SoftSpot technology for configurable soft triggers; Supports Datalogic's Queue Busting app; Enterprise class PTT available from Zello |
| <b>Provisioning</b>                     | Android Zero-Touch, QR Code enrollment, NFC Bump provisioning   |
| <b>Configuration and Maintenance</b>    | Scan2Deploy Studio, OEMConfig   |
| <b>Software Maintenance</b>             | Datalogic Shield: recurring security patches, firmware updates, and OS upgrades.  |
| <b>Development</b>                      | Java, Cordova and Xamarin SDK available   |
| <b>MDM Compatibility</b>                | SOTI MobiControl, VMWare AirWatch, Ivanti Avalanche, 42Gears SureMDM, Microsoft Intune  |
| <b>Terminal Emulation Compatibility</b> | StayLinked SmartTE, Ivanti Velocity   |

### SYSTEM

|                         |   |
|-------------------------|---|
| <b>Expansion Slots</b>  | Micro-SD card slot: Compatible with Micro SD-HC cards; Data transfer up to 48 Mbps; User-accessible |
| <b>SIM Slot</b>         | MicroSIM Standard size  |
| <b>Memory</b>           | System RAM: 4 GB; eMMC Flash: 32 GB   |
| <b>Microprocessor</b>   | 2 GHz Octa-core   |
| <b>Operating System</b> | Android v11 with GMS / AER (Upgradeable to Android 14)  |
| <b>Real-Time Clock</b>  | Time and date stamping under software control   |

### WARRANTY

|                 |                         |
|-----------------|-------------------------|
| <b>Warranty</b> | 1-Year Factory Warranty |
|-----------------|-------------------------|

## ACCESSORIES

