

# MEMOR™ 11 HEALTHCARE

Improve performance and flexibility for Healthcare workers



## FLEXIBILITY TAILORED FOR YOUR WORKFORCE

Memor 11 HC is designed to provide a versatile solution for today's clinical and non-clinical healthcare workforce. With an up-to-date operating system and enhanced processing capabilities, this device delivers superior scanning performance and all-around efficiency with Wi-Fi and Cellular capabilities to always be connected.

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

The market-proven, semi-rugged, and compact design of Memor 11 HC follows the highly successful Memor 10 HC providing all the pocketability and comfort that healthcare workers need for their daily activities without worrying about dropping the device as it withstands more tumble hits than most comparable devices in the market.

## ADVANCED BATTERY MANAGEMENT AND WIRELESS CHARGING

Long-lasting performance due to its swappable battery and embedded SafeSwap™ Technology which ensures uninterrupted continuity. Its effective wireless charging system provides ultra-reliable contactless charging that helps reduce maintenance, enable efficient charging and avoid microbiologically influenced corruptions of contact pins where pathogens can accumulate.

## DESIGNED FOR HEALTHCARE

Memor 11 HC is designed for the Healthcare industry and embeds a chemical resistant enclosure to withstand daily cleaning with harsh disinfectant solutions. Dedicated accessories such as the battery pack and hand strap are designed to have cleaning procedures as well.

## ENTERPRISE-READY SOLUTION; A SECURE INVESTMENT

Memor 11 HC is powered by Datalogic Mobility Suite. The device has onboard comprehensive tools for effective deployment, enhanced lock-down security measures, and full Android Enterprise integration, ensuring superior performance and data protection in healthcare environments. These capabilities are instrumental in enhancing the device's usability and safeguarding sensitive data. Asset protection both on hardware and software side with EASEOFCARE post-sales service programs that includes Datalogic Shield™.

## FEATURES

- Market-proven design, compact and robust
- Wi-Fi and Cellular 4G will keep the healthcare staff always connected inside and outside patient care facilities
- Superior processing capabilities + 4GB of RAM
- 5-inch capacitive multi-touch HD display
- Android 11 with Google Mobile Services (upgradeable to Android 15)
- Ultra-slim 2D imager enhanced for dark environment performance plus 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

- Healthcare:
  - Bedside care
  - Pharmacy
  - Inventory management
  - Facilities management
  - Hospital supply chain
  - Patient transport
  - Clinical support staff
  - Labs

# MEMOR 11 HEALTHCARE

## 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 <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
<b>Global Positioning System (GPS)</b>	Integrated Assisted-GPS (A-GPS) 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 Storage/Transport: -30 to 70 °C / -22 to 158 °F

### INTERFACES

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

### 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

### 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 megapixels; 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; <b>Halogen™ DE2102-HP:</b> 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: 650 nm VLD; Field of View: 42°H x 26°V
<b>Print Contrast (Minimum)</b>	25%
<b>Minimum Element Width</b>	<b>Halogen™ DE2102-HP:</b> 1D Linear: 0.0635 mm / 2.5 mils; PDF: 0.0762 mm / 3 mils; Data Matrix: 0.152 mm / 6 mils

### SOFTWARE

<b>DATALOGIC MOBILITY SUITE</b> - Discover more on: <a href="https://datalogic.github.io">datalogic.github.io</a>	
<b>Protection</b>	Shield - Android Security Updates, Launcher - to lockdown device to kiosk mode, Enterprise Browser - to web-browse only to a set of approved URLs, Integrity KIT - to safeguard HW interfaces
<b>Configuration</b>	Scan2Deploy Studio - to configure and stage devices, OEMConfig - for UEM/EMM Compatibility, AE QR Code Enrollment - for easy EMM/UEM enrollment
<b>Development</b>	SDKs (Java, Kotlin, Xamarin, .NET MAUI JavaScript), Visual Formatter - a no-code platform for barcode formatting, Wedge - a configurable bar code scanning input method
<b>Optimization</b>	SoftSpot - a draggable touch scanner trigger; Logger - to collect advanced device events log; Wi-Fi Guard - to collect Wi-Fi data and statistics; Battery Manager - to select from different charging policies

### ADDITIONAL FEATURES

<b>Provisioning</b>	Android Zero Touch, Android Enterprise QR code Enrolment, NFC Bump, EMM Token Enrollment, DPC Identifier Enrollment
<b>UEM/EMM Compatibility Highlight</b>	SOTI Mobicontrol VMWare Workspace One, Microsoft Intune, 42Gears SureMDM, Ivanti Neurons, Ivanti Avalanche, and any OEM Config compliant UEM/EMM
<b>Terminal Emulator and PTT Compatibility Highlight</b>	Ivanti Velocity, StayLinked Smart TE, Zello PTT

### 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 15)
<b>Real-Time Clock</b>	Time and date stamping under software control

### WARRANTY & EASEOFCARE

<b>Warranty</b>	1-Year Factory Warranty
<b>EASEOFCARE</b>	Post-sales service programs for 3- or 5-year coverage on the device and charger

## ACCESSORIES



94A150098 Single Slot Charging Dock



94ACC0387 Cleanable Battery Pack



94ACC0204 Rubber Boot



94ACC0203 Cleanable Hand Strap