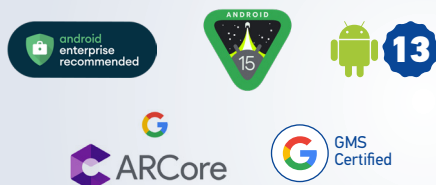


MEMOR™ 12-17 HEALTHCARE

Enterprise-grade power in a pocket-sized design



COMFORT AND EFFICIENCY

Designed to be comfortable in the hands of front-line healthcare workers, while the Corning™ Gorilla™ Glass 7 display protects against scratches and drops

FAST AND EASY SCANNING

Featuring the latest Datalogic Halogen 2121DL scan engine with our Green Spot and advanced DeepSight™ decoding technology, the Memor 12-17 HC simplifies scanning barcodes at high speeds and variable lighting conditions, even when they are damaged or dirty.

DESIGNED FOR CONTINUOUS DISINFECTION

Disinfectant-ready against a broad list of chemicals and disinfectants, this device and its accessories are designed to prevent germs and bacteria from accumulating on their surfaces.

UNINTERRUPTED COVERAGE

Powered by the latest Qualcomm QC4490 platform, workers can enjoy the best connectivity inside and outside hospitals with Wi-Fi 6E and 5G.

EMERGENCY OR ALARM CALLS

Easily launch emergency or alarm calls both inside and outside medical facilities using our programmable buttons and custom gestures allowing you to set specific actions for your device when needed.

MAXIMIZE YOUR INVESTMENT WITH MEMOR 12-17 HC

With support up to Android 19, customer will enjoy an industry-leading 4+4 years of comprehensive hardware and software support, with continuous updates and access to cutting-edge tools from our Datalogic Mobility Suite. Additionally, Memor 12-17 HC demonstrates a commitment to sustainability through eco-friendly accessories and packaging.

Memor 12 HC



Memor 12 HC™
Wi-Fi 6/6E
Standard Range



Memor 17 HC



Memor 17 HC™
Wi-Fi 6/6E
Cellular 5G
Standard Range



FEATURES

- **Fast and easy scanning for every type of environment:** Datalogic Halogen™ DE2121-DL scan engine + Green Spot
- **Native integrated wireless charging system:** wireless charging battery together with dedicated wireless charging docks facilitate daily cleaning operations and asset maintenance, reducing TCO
- **Ultra-reliable swappable long lasting battery with SafeSwap™ capability and Smart Battery Management**
- **Superior connectivity and processing power:** Wi-Fi 6/6E, 5G, Bluetooth 5.3, Qualcomm 4490 platform
- **Rugged and high-quality display:** 6" inch capacitive multi-touch, FHD+ display, GG7
- **Highest longevity in the entry-level tier:** Android™ 13/15 with GMS (platform upgradeable to Android 19)
- **High reliability and water protection:** IP65 and IP68 with battery, per IEC60529 specification, multiple 1.5/6ft drops to concrete over operating temperature with rubber boot, 1m/3.2 ft tumbles at room temperature with rubber boot.

INDUSTRY - APPLICATIONS

- **Healthcare:** Patient admittance, patient bed care, electronic Medical Records, Laboratory management
- **Retail non-food:** Pharmacy and Fashion in-store operations, POS&Queue-Busting, Price checks, Assisted sales, Product Information, Gift registry, Loyalty Lookup, Shelf replenishment.



DATALOGIC SHIELD



MOBILITY SUITE

MEMOR 12-17 HEALTHCARE

TECHNICAL SPECIFICATIONS

WIRELESS COMMUNICATIONS	
Local Area Network (WLAN)	Wi-Fi 6e IEEE 802.11 a/b/g/n/ac/ax and 802.11 d/e/h/i/k/r/l/v/w/mc; Frequency range: Country dependent, typically 2.4 GHz, 5 GHz and 6 GHz bands; 2x2 MIMO; WPA3 Enterprise 192-bit mode supported
Personal Area Network (WPAN)	Bluetooth wireless technology v5.3 (Classic Bluetooth wireless technology and BLE)
NFC Communication	Support for the following standards: Tag types 1/2/3/4/5 (ISO14443-4 A/B; ISO15693; Mifare; Felica) Card emulator. Contactless payments and Apple ECP protocol supported.
WWAN / Cellular	Memor 17 LTE-Advanced / 4G+; NR 5G FR1; 3GPP Rel.16; • EMEA and ROW Configuration: GSM: Quad band; WCDMA: B1/2/4/5/8; FDD_LTE: B1/2/3/4/5/7/8/17/19/20/25/28/66; B34/38/39/40/41/42/43; 5G: n1/2/3/5/7/8/20/25/28/38/40/41/66/77/78/79; • North America Configuration (AT&T and Verizon certified): GSM: 850/1900; WCDMA: B2/4/5; FDD_LTE: B2/4/5/7/12/13/17/19/25/26/29/30/66; TDD_LTE: B38/41/48; 5G: N2/5/7/12/13/25/26/29/30/38/41/66/71/77; • VoLTE, VoNR and Wi-Fi calling enabled
Global Positioning System (GPS)	Integrated Assisted-GPS (A-GPS) Supported Types: GPS Dual Band, Galileo Dual Band, BeiDou Dual Band

ELECTRICAL	
Battery	1-piece swappable battery pack with rechargeable Li-Ion batteries; 3.87V; 4,000 mAh typical (14.98 Watt-hours) Safe Swap [®] for application data protection available on M17HC 6/128GB version only
Wireless Charging	WPC Qi EPP compliant; 7W charging

ENVIRONMENTAL	
Drop Resistance	Multiple 1.3/4ft drops to concrete across operative temperature without rubber boot per enterprise standard according to MIL STD 810H. Multiple 1.5m/6ft drops to concrete over operating temp (-10°C to 50°C/14°F to 122°F) with rubber boot according to MIL STD 810H.
Tumbles	500 0.5m/1.6 ft tumbles at room temperature without protective boot, meets and exceed IEC 60068-2-32 Procedure 2 specification. 500 1m/3.2 ft tumbles at room temperature with rubber boot, meets and exceed IEC 60068-2-32 Procedure 2 specification.
Sealing	IP65 and IP68 with battery, per IEC60529 specification
Chemical Resistance (applies to device, rubber boot and chargers)	Sani-Cloth [®] HB, Sani-Cloth [®] Plus, Super Sani-Cloth [®] , Hepacide Quat II, Isopropyl alcohol 70% (IPA) / Alcohol Wipes 70%, CaviWipes [™] , Virex [®] 256, Glassex with ammonia / Formula 409 [®] Glass and Surface Cleaner, Glassex with ammonia / Windex [®] , Water solution of Sodium Hypochlorite 0.8% / Clorox [®] Bleach, 100% Gentle dish soap and water
Temperature	Operating: -10 to 50 °C / 14 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F
ESD	15kV air discharge / 8kV contact discharge

PHYSICAL CHARACTERISTICS	
Dimensions	165 x 76.7 x 13.5 mm / 6.49 x 3.0 x 0.53 in
Primary Display	6.0 inch LTIPS in 18:9 format - FHD+ resolution 1080x2160; LED backlight; 450 NITS
Keys	Physical Keys: 2 side scan keys; PTT; Power On/Off; Volume Up/ Down; 3 Android soft keys
Touch Panel	Touch Screen: 5 points multi-touch capacitive panel with hardened Gorilla Glass 7 and optical bonding; Support for gloves and stylus; water drops rejection and anti-fingerprint surface finishing
Weight	With Battery: 245 g/8.6 oz

READING PERFORMANCE	
Camera	Rear Camera: Resolution: 13 megapixel; Auto focus Illumination: User controllable LED flash (torch mode); Front Camera: Resolution: 8 megapixel; Fixed focus
Scan Engine	Halogen [™] DE2121-DL 1D/2D scan engine; Datalogic's 'Green Spot' for good-read feedback;

SENSORS	
Vibration Accelerometer	Software programmable for duration and intensity 3-Axis accelerometer to detect orientation
Gyroscope	Senses angular velocity
Ambient Light	Auto adjusts display backlight
Proximity	Auto deactivates display when close to face
Magnetometer	e-compass for direction and orientation detection
Barometer	Atmospheric pressure / Z-location (Memor 17 only)

INTERFACES	
Interfaces	High Speed USB 3.2 gen1 Host and Client (Type-C); Super Speed USB 2.0 (Type-C, Bottom I/O)

AUDIO	
Microphones	2 mics, with noise cancellation
Loudspeaker	Speaker for handsfree calls and audio application
Receiver	Speaker for voice calls

SAFETY & REGULATORY	
Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use.
Environmental Compliance	Complies to EU RoHS

SOFTWARE	
DATALOGIC MOBILITY SUITE - Discover more on: datalogic.github.io	

Protection	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
Configuration	Scan2Deploy Studio - to configure and stage device, OEMConfig - for UEM/EMM Compatibility, AE QR Code Enrollment - for easy EMM/UEM enrollment
Development	SDKs (Java, Kotlin, Xamarin, .NET MAUI JavaScript), Visual Formatter - a no-code platform for barcode formatting, Wedge - a configurable barcode scanning input method
Optimization	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; QuickBoard - A customizable enterprise virtual keyboard to enhance productivity and adapt to specific application contexts; Snap OCR - Rear or scanner camera digitizes text, streamlining data entry and label parsing
Additional Features	
Provisioning	Android Zero-Touch, Android Enterprise QR Code, NFC Bump, EMM Token, DPC Identifier enrollment
UEM/EMM	SOTI MobiControl, VMware Workspace One, Microsoft Intune, 42Gears Sure MDM, Ivanti Neurons, Ivanti Avalanche, and any OEM Config compliant UEM/EMM
Terminal Emulator and PTT Compatibility Highlight	Ivanti Velocity, StayLinked Smart TE, Zello PTT

SYSTEM	
SIM Slots	1 Nano SIM; 1 eSIM
Expansion Slots	1 Micro SD card (up to 2TB)
Memory	RAM Model 6GB: 6 GB on-chip RAM, plus an optional 2 GB SWAP Memory (using flash storage as extra RAM, activated through a setting). UFS Flash Storage: 64GB or 128GB
Microprocessor	Qualcomm QX4490 Octa-core 2.4 GHz
Operating System	Android 13/15, upgradeable to Android 19
Real-Time Clock	Time and date stamping under software control
WARRANTY	
Warranty	1-Year Factory Warranty

ACCESSORIES

Base Stations/Chargers



• 94A150126 Charging Dock wireless HC



• 94A150127 4-Slot Charging Dock wireless HC

Miscellaneous



• 94ACC0409 Hand Strap HC



• 94ACC0405 Rubber Boot HC



• 94ACC0411 Pocket clip w/ emergency button



BARCODE
FACTORY

Barcode Factory

A Paragon Print Systems Company

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