MEMOR™ 17 HEALTHCARE

Enterprise-Grade Power in a Pocket-Sized Design

DATALOGIC

1 m SCAN RANGE

MULTI-SIDE

GREEN SPOT

Wi Fi 6E CERTIFIED

5G

Bluetooth 5.3

QCM4490

FRONT CAMERA & PUSH TO TALK

E OC EASE OF CARE

DATALOGIC SHIELD

Powered by DATALOGIC MOBILITY SUITE

+8 h

DUST & WATER PROTECTION

BUILT TO LAST

WIRELESS CHARGING

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 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 WiFi6E and 5G.
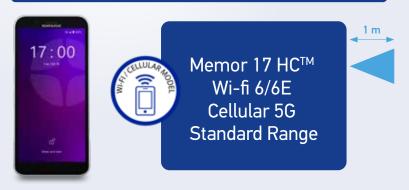
EMERGENCY OR ALARM CALLS
Easily launch emergency or alarm calls both inside and outside medical facilities using our programmable buttons and custom gestures allowing you to set specific actions for your device when needed.

MAXIMIZE YOUR INVESTMENT WITH MEMOR 17 HC
With support up to Android 18, 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 17 HC demonstrates a commitment to sustainability through eco-friendly accessories and packaging.

android enterprise recommended **android 13**

Memor 17 HC

WI-FI / CELLULAR MODEL

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

1 m

FEATURES

- **Fast and easy scanning for every type of environment:** Datalogic Halogen™ DE2121-DL scan engine + Green Spot
- **Superior connectivity and processing power:** Wi-Fi 6/6E, Bluetooth 5.3, 5G + Qualcomm 4490 platform
- **Rugged and high-quality display:** 6'' inch capacitive multi-touch, FHD+ display, GG7
- **Integrated wireless charging system:** dedicated wireless charging docks to facilitate daily device charging
- **Highest longevity in the entry-level tier:** Android™ 13 with GMS (platform upgradeable to Android 18)
- **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:** In-store operations, POS&Queue-Busting, Price checks, Assisted sales, Product Information, Gift registry, Loyalty Lookup, Shelf replenishment.

- **T&L:** Access Control Ticketing, Last mile delivery, Proof of delivery, Baggage reconciliation, Postal services

MEMOR 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/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)
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	Sani-Cloth® HB, Sani-Cloth® Plus, Super Sani-Cloth®, Hepacide Quat II, Isopropyl alcohol 70% (IPA) / Alcohol Wipes 70%, CaviWipesTM, 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 LTPS 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	Software programmable for duration and intensity
Accelerometer	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; Entreprise 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: 64 GB (both models)
Microprocessor	Qualcomm QCx4490 Octa-core 2.4 GHz
Operating System	Android 13, upgradeable to Android 18
Real-Time Clock	Time and date stamping under software control

WARRANTY

Warranty	1-Year Factory Warranty

ACCESSORIES

For full accessory range please refer to M12-17 accessory guide*

Base Stations/Chargers

• Charging Dock wireless HC

• 4-Slot Charging Dock wireless HC

Miscellaneous

• Hand Strap HC

• Rubber Boot HC