### MEMOR™ 10

### DATALOGIC



#### MEMOR™ 10 – THE POWER OF A SMARTPHONE, DESIGNED FOR ENTERPRISE

If you are looking for the power and the performance of a smartphone but are concerned about the typical Enterprise challenges, the new Datalogic Memor 10 PDA is the perfect rugged device for you!

Memor 10 incorporates the latest smartphone technologies and the user friendly experience of Android™ in a slim and compact design, combined with high performance 1D/2D bar code scanning and industrial robustness for almost any indoor or outdoor environment.

#### **TOP PERFORMANCE**

The Memor 10 is powered by a superior octa-core platform clocked at 2 GHz for top performance with the most demanding applications, and features Android 8.1 (Oreo) with Google Mobile Services (GMS).

Moreover, the Memor 10 is one of the first rugged mobile computers to be validated by Google for the 'Android Enterprise Recommended' program for rugged devices.

#### WIRELESS CHARGING MEETS SWAPPABLE BATTERY

The Memor 10 incorporates Datalogic's industry-first wireless charging system for ultra-reliable contactless charging, thus eliminating the need for cleaning contacts on the device and docks. Moreover, Memor 10 offers a 1-piece swappable battery for the best operational advantage.

#### COMMUNICATIONS

The Memor 10 leverages a complete set of embedded wireless technologies for both indoor and outdoor applications: dual band Wi-Fi including the latest 802.11ac standard, Bluetooth® v4.2 with BLE for fast and ultra-low power connections, NFC for easy pairing, and particularly the cellular area voice and data connectivity, already leveraging the next generation of LTE-Advanced/4G+.

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android enterprise recommended



#### **FEATURES**

- Ultra-Ergonomic, compact and robust
- 5 inch capacitive multi-touch HD display with Dragontrail™ hardened glass
- Android 8.1 (Oreo) with Google Mobile Services
  Wireless charging eliminates all contacts on
- the device and cradle
- Ruggedized with drop resistance to 1.5m / 5ft to concrete and IP65 sealing
- Dual band Wi-Fi including the latest 802.11ac standard and 802.11r/k for fast roaming
- Full suite of cellular connectivity for voice and data, featuring LTE-Advanced/4G+
- Assisted GPS for location based apps
- Bluetooth v4.2 short range wireless technology
- NFC for proximity communications
- Advanced 2D ultra-slim imager with Datalogic's patented 'Green Spot' technology for visual good-read feedback
- Datalogic's SoftSpot<sup>™</sup> technology for innovative triggering through the touch display
- Chemical resistant plastics / enclosure designed to withstand daily cleaning with harsh disinfectant solutions
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

### **INDUSTRY-APPLICATIONS**

#### Retail:

- Assisted sales
- Inventory
- Access control
- Shop floor applications
- Mobile POS
- T&L:
  - Route accounting
  - Direct store delivery
  - Workforce management
  - Courier value-added services
- Manufacturing:
  Production and quality control
  - Intra-logistics
  - Inventory
  - Field maintenance
- Healthcare:
  - Bedside care
- Pharmacy
- Inventory management
- Labs

# MEMOR™ 10

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WIRELESS COMMUNICATIONS		PHYSICAL CHARACTERISTICS	
LOCAL AREA NETWORK (WLAN)	IEEE 802.11 a/b/g/n/ac and 802.11 k/r/v; Frequency range: Country dependent, typically 2.4GHz and 5GHz bands	DIMENSIONS DISPLAY	15.5 x 7.8 x 1.87 cm / 6.1 x 3.07 x 0.73 in 5 inch IPS HD resolution 720 x 1280; LED backlight; Touch Screen: 5 points multi-toucl
PERSONAL AREA NETWORK (WPAN)	Bluetooth wireless technology v4.2 (Classic		capacitive panel with Dragontrail hardened glass
IFC COMMUNICATION	Bluetooth wireless technology and BLE) Support for the following standards: ISO14443-4 (type-A, type-B); ISO15693; Mifare; Felica	KEYS	Physical Keys: 2 side scan keys; Power On/ Off; Volume Up/Down; 3 user programmable Android™ keys
NWAN/CELLULAR	LTE-Advanced/4G+; Cat 6	WEIGHT	With Battery: 285.0 g / 10.0 oz
DECODING CAPABILITY		READING PERFORMANCE	
ID / LINEAR CODES	Auto discriminates all standard 1D codes	CAMERA	Resolution: 13 megapixel; Illumination: User
2D CODES	including GS1 DataBar™ linear codes. Aztec Code, Data Matrix, HanXin Code, MaxiCode, MicroQR Code, QR Code, UPU FICS, USPS	SCAN ENGINE	controllable LED flash; Lens: Auto focus 2D Ultra slim area imager (supports 1D / 2D codes);
POSTAL CODES	Intelligent Mail Australian Post, Japan Post, KIX Code, PLANET,		Datalogic's 'Green Spot' for good-read feedback; Depth of Field: 8.5 to 50 cm / 3.3 to 19.7 in
TACKED CODES	POSTNET, Royal Mail Code (RM4SCC) Micro-PDF417, PDF417, GS1 DataBar Composites, GS1 DataBar Expanded Stacked, GS1 DataBar		depending on bar code density and type; Resolution: VGA (640 x 480 pixels); Illumination: White LEDs; Aiming: 650nm VLD;
	Stacked, GS1 DataBar Stacked Omnidirectional	PRINT CONTRAST (MINIMUM)	Field of View: 48°H x 34°V 25%
ELECTRICAL		MINIMUM ELEMENT WIDTH	1D Linear: 0.0762 mm / 4 mils PDF: 0.127 mm / 6.6 mils
BATTERY	Replaceable battery pack with rechargeable Li-lon batteries; 3.8v; 4,100 mAh (15.6 Watt-		Data Matrix: 0.195 mm / 7.5 mils
VIRELESS CHARGING	hours) Qi Compliant; 10 Watt fast charging	SAFETY & REGULATORY	
		AGENCY APPROVALS	The product meets necessary safety and
ENVIRONMENTAL		ENVIRONMENTAL COMPLIANCE	regulatory approvals for its intended use. Complies to EU RoHS
DROP RESISTANCE	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	SOFTWARE	
	boot). Tested onto steel/concrete according to IEC 68-2-32 Method 2 and MIL STD 810G Transit drop test.	APPLICATIONS	Datalogic's SoftSpot technology for configurable soft triggers; Supports Datalogic's Queue Busting app; Pre-licensed device and browser lockdown
TUMBLES	Withstands 1000 hits from 0.5 m / 1.6 ft and 250 hits from 1.0 m / 3.2 ft per IEC 600-2-32 with		powered by 42Gears; Enterprise class PTT
	rubber boot; Withstands 600 hits from 0.5 m /	PROVISIONING	offered by Zello Android Zero Touch enrollment and QR Code or
PARTICULATE AND WATER SEALING	1.6 ft per IEC 600-2-32 without rubber boot IP65		NFC Bump provisioning
CHEMICAL RESISTANCE	Chemical cleanser and industrial oil resistant (both Standard and Healthcare models)	CONFIGURATION AND MAINTENANCE	Datalogic DXU for device configuration and firmware upgrade from PC Java and Xamarin SDK available
HEALTHCARE CLEANABLE	Isopropyl Alcohol, Hydrogen Peroxide, Clorox®	MDM	SOTI MobiControl, VMWare AirWatch, Wavelink
TEMPERATURE	Bleach; applicable for both the device and cradles Operating: -20 to 50 °C / -4 to 122 °F Storage/Transport: -30 to 70 °C / -22 to 158 °F	TERMINAL EMULATION	Avalanche, 42Gears SureMDM StayLinked SmartTE, Wavelink Velocity
		SYSTEM	
INTERFACES	High Speed USB 2.0 Host and Client with USB	EXPANSION SLOTS	Micro-SD card slot: Compatible with Micro SD-HC cards; Data transfer up to 48 Mbps; User-
	Type C connector	MEMORY	accessible System RAM: 3 GB; eMMC Flash: 32 GB
SENSORS		MICROPROCESSOR	2 GHz Octa-core
VIBRATION	Software programmable for duration and intensity	OPERATING SYSTEM REAL-TIME CLOCK	Android v8.1 with GMS Time and date stamping under software control
ACCELEROMETER	3-Axis accelerometer to detect orientation	WARRANTY	
GYROSCOPE AMBIENT LIGHT PROXIMITY	Senses angular velocity Auto adjusts display backlight Auto deactivates display when close to face	WARRANTY	1-Year Factory Warranty
Base Stations/Chargers		Miscellaneous	
0			

ACCESSORIES





94ACC0192 4-Slot
 Battery Charger



Pistol Grip



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Vehicle Dock

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