MEMOR™ 30-35 FAMILY

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Elevating performance, redefining value

































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♦ MEMOR30/35 FAMILY

SUPERIOR FLEXIBLE DATA CAPTURE PERFORMANCE

Embedding new Datalogic Halogen™ DE2121-DL and DE2121-ER scan engines, the Memor 30-35 family delivers impressive versatility for any application in an extended range of working distances from 5 cm / 1.97 in up to 10 m / 32.8 ft.

State-of-the-art DeepSight™ integrated technology provides superior sensitivity and high visible illumination system, guaranteeing first-class reading performance even in extreme light and dark environments. Its outstanding motion tolerance allows to decode poorly printed barcodes as well as barcodes on mobile device screens.

Datalogic's **Green Spot technology enhances productivity providing good-read feedback directly on the label.** A powerful 13 MP rear camera helps to capture damaged goods and barcodes.

Memor 30–35 leverages more than half a century of decoding library know-how to deliver superior decoding performance on any application.

STREAMLINED COMPUTING AND CONNECTIVITY

Based on the latest generation enterprise grade Octa-Core Qualcomm chipset, Memor 30-35 delivers unmatched processing power and industry-leading performance with future-proof connectivity technologies: Wi-Fi 6/6E, Bluetooth® 5.2; and on Memor 35 models: 5G, CBRS for private LTE networks and Band 14 for US Public Safety.

EASE OF USE AND VERSATILITY

With a full HD+ 6" bright touch screen display, users can operate in any kind of lighting and weather conditions using fingers, gloves, and a stylus. Multi-side NFC patented 360° reading capability eases quick acceptance of contactless payments. Smart long-lasting battery, integrated Qi compatible wireless charging and SafeSwapTM technology optimize battery lifetime, controlling battery health and ensuring uninterrupted operations even for challenging use cases.

The 8 MP front camera and PTT key provide hi-definition video calls and instant communication. SoftSpot $^{\text{TM}}$ enhances the user experience providing a configurable scan trigger on the display for smoother operations.

Memor 30-35 enhances the customer investment by easily switching a mobile device to a desktop workstation thanks to the docking station/charger accessory.

PROVEN RELIABILITY

An enterprise grade rugged industrial design with MIL-STD-810H, IP65/IP68 protection and a Gorilla® Glass 5 touch panel provide reliable proven performances against dust (no ingress), water (resists under 1 m / 3.2 ft for more than 30 mins), and repeated drops/tumbles onto concrete.

FUTURE PROOF: LOWER TCO AND SUSTAINABILITY

Powered by Datalogic Mobility Suite that offers a set of comprehensive software tools for effective deployment, enhanced lock-down security measures, and full Android™ Enterprise integration, Memor 30-35 elevates asset performance and ensures sensitive data protection.

A future proof device with longevity up to Android 18 ensures a lower total cost of ownership for the company.

EASEOFCARE services guarantee worldwide post sales assistance on hardware and software and include the Datalogic Shield™ security monthly updates.

FEATURES

- Industry leading scan performance: reading up to 10 m / 32.8 ft with Green Spot
- Superior connectivity and processing power: Wi-Fi 6 / 6E + Bluetooth 5.2 + 5G, Qualcomm Octa-Core platform, 6 / 128 GB + 2 TB micro SD memory
- 6 inches capacitive multi-touch FHD+ display, 500 NITS
- Integrated contactless wireless charging system (device and charging docks) reduces maintenance costs and facilitates device charging
- Ultra-reliable swappable long lasting battery with SafeSwap $^{\text{TM}}$ capability and Smart Battery Management
- IP65/68 certified, passed 3,000 tumbles at 0.5 m and multiple 1.8 m / 6 ft drops with rubber boot accessory across operating temperatures
- Android™ 13 with GMS (platform upgradeable to Android 18)
- Sustainability: plastic-free recycled paper and carton box packaging

INDUSTRY - APPLICATIONS

- Retail: Assisted sales, Inventory Management, Markdowns / Markups, Shelf Replenishment, 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
- Transportation and Logistics: Field Service /
 Maintenance, Deliveries / DSD, Route accounting
 / Order processing, Proof of Delivery / Damage,
 Workforce management

MEMOR 30-35 FAMILY

TECHNICAL SPECIFICATIONS

	Wi-Fi 6/6E IEEE 802.11 a/b/g/n/ac/ax and 802.11 d/h/i/k/r/
Local Area Network (WLAN)	v/w/mc; Frequency range: Country dependent, typically 2.4 GHz,5 GHz and 6 GHz bands; 2 x 2 MU-MIMO; WPA3 Enterprise 192-bit mode supported
Personal Area Network (WPAN)	Bluetooth wireless technology v5.2 (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 35/35X only)	56 NR FR1; LTE-Advanced / 4G+; 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; TDD_LTE: B38/40/41/42/43; 5G: n1/2/3/5/7/8/2 0/25/28/38/40/41/66/71/77/78; • North America Configuration (AT&T and Verizon certified): GSM: 850/1900; WCDMA: B2/4/5; FDD_LTE: B2/4/5/7/12 /13/14/17/19/25/26/29/30/66; TDD_LTE: B38/41/48; 5G: n2/5/7/12/13/14/25/26/29/30/38/41/48/66/77/78; • VoLTE, VoNR and Wi-Fi calling enabled; CBRS (4G and 5G)
Global Positioning System (GPS)	Integrated Assisted-GPS (A-GPS) on Memor 35/35X only; Supported Types: GPS, Galileo, GLONASS, BeiDou
ELECTRICAL	
Battery	1-piece swappable battery pack with rechargeable Li-Ion batteries; 3.86 V; 4,680 mAh typical (18.0 Watt-hours); 'Safe Swap' for application data protection
Wireless Charging	WPC Qi EPP compatible; 7 W charging
ENVIRONMENTAL	
Drop Resistance	Multiple 1.8m/6ft drops to concrete over operating temp (-20°C to 50°C/-4°F to 122°F) with rubber boot per MIL STD 810 H; Multiple 1.2/4ft m drops to concrete over operating temp (-20°C to 50°C/-4°F to 122°F) per MIL STD 810 H;
Tumbles	3000 0.5 m / 1.6 ft tumbles with protective boot and 1500 1 m / 3.2 ft tumbles with protective boot at room temperature meets and exceeds 60068-2-32 Procedure 2 specification; 600 0.5 m / 1.6 ft tumbles at room temperature without protective boot, meets and exceeds IEC 60068-2-32 Procedure 2 specification.
Particulate and Water Sealing	IP65 and IP68 with battery, per IEC60529 specification
Chemical Resistance	General purpose chemical cleansers: Water solution of Sodium Hypochlorite 0,8%; Windex Multi-surface / Glassex with ammonia; Formula 409, Glass and Surface cleaner / Glassex with ammonia; Ethyl alcohol 70%; Isopropyl alcohol 70%; Hydrogen peroxide 3%
Temperature	Operating: -20 to 50 °C / -4 to 122 °F Storage/Transport: -30 to 70 °C / -22 to 158 °F
ESD	15 kV air discharge / 8 kV contact discharge
PHYSICAL CHARACT	FERISTICS
Dimensions	167.6 x 78.6 x 17.7 mm / 6.61 x 3.09 x 0.70 in
Primary Display	6 in LTPS in 18:9 format – FHD+ resolution 2160 x 1080; LED backlight; 500 NITS typical
Keys	Physical Keys: 2 side scan keys; PTT key; Power On/Off; Volume Up/ Down; 3 Android soft keys
Touch Panel	Touch Screen: 5 points multi-touch capacitive panel with hardened Gorilla Glass 5 and optical bonding; Support for gloves and stylus; water drops rejection and anti-fingerprint surface finishing

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; Halogen™ DE2121-ER Extended Range 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 35/35X 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 advanced AI 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		
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 devices, 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 bar code 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	
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 SureMDM, Ivanti Neurons, Ivanti Avalanche, and any OEM Config compliant UEM/EMM	
UEM/EMM Terminal Emulator and PTT Compatibility Highlight		
Terminal Emulator and PTT	42Gears SureMDM, Ivanti Neurons, Ivanti Avalanche, and any OEM Config compliant UEM/EMM	
Terminal Emulator and PTT Compatibility Highlight	42Gears SureMDM, Ivanti Neurons, Ivanti Avalanche, and any OEM Config compliant UEM/EMM	
Terminal Emulator and PTT Compatibility Highlight SYSTEM	42Gears SureMDM, Ivanti Neurons, Ivanti Avalanche, and any OEM Config compliant UEM/EMM Ivanti Velocity, StayLinked Smart TE, Zello PTT	
Terminal Emulator and PTT Compatibility Highlight SYSTEM SIM Slots	42Gears SureMDM, Ivanti Neurons, Ivanti Avalanche, and any OEM Config compliant UEM/EMM Ivanti Velocity, StayLinked Smart TE, Zello PTT 1 Nano SIM; 1 eSIM (Memor 35/35X only)	
Terminal Emulator and PTT Compatibility Highlight SYSTEM SIM Slots Expansion Slots Memory	42Gears SureMDM, Ivanti Neurons, Ivanti Avalanche, and any OEM Config compliant UEM/EMM Ivanti Velocity, StayLinked Smart TE, Zello PTT 1 Nano SIM; 1 eSIM (Memor 35/35X only) 1 Ultra High-Speed Micro SD card (up to 2 TB)	
Terminal Emulator and PTT Compatibility Highlight SYSTEM SIM Slots Expansion Slots Memory Microprocessor	42Gears SureMDM, Ivanti Neurons, Ivanti Avalanche, and any OEM Config compliant UEM/EMM Ivanti Velocity, StayLinked Smart TE, Zello PTT 1 Nano SIM; 1 eSIM (Memor 35/35X only) 1 Ultra High-Speed Micro SD card (up to 2 TB) System RAM: 6 GB; UFS Flash: 128 GB	
Terminal Emulator and PTT Compatibility Highlight SYSTEM SIM Slots Expansion Slots Memory	42Gears SureMDM, Ivanti Neurons, Ivanti Avalanche, and any OEM Config compliant UEM/EMM Ivanti Velocity, StayLinked Smart TE, Zello PTT 1 Nano SIM; 1 eSIM (Memor 35/35X only) 1 Ultra High-Speed Micro SD card (up to 2 TB) System RAM: 6 GB; UFS Flash: 128 GB Qualcomm QCx4490 Octa-core 2.4 GHz	

ACCESSORIES

Base Stations/Chargers



Charging Dock



(wired or wireless available) (wired or wireless available) • Multi Battery Charger • Vehicle Charger • Belt Holster • 4-Slot Charging Dock





Warranty







Hand Strap

1-Year Factory Warranty





• Trigger Handle

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