MEMOR™ 30-35 FAMILY

Elevating performance, redefining value

DATALOGIC

10 m SCAN RANGE

MULTI-SIDE

GREEN SPOT

Wi Fi 6E CERTIFIED

5G

Bluetooth 5.3

FRONT CAMERA & PUSH TO TALK

EASE OF CARE

Powered by DATALOGIC MOBILITY SUITE

+12 h

SAFE SWAPPABLE BATTERY

DUST & WATER PROTECTION

BUILT TO LAST

WIRELESS CHARGING



MEMOR 30/35 FAMILY

android enterprise recommended

13

ARCore

GMS Certified

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® 5.3;** and on Memor 35 models: embeds **5G 2nd gen that allows 5G private networks and CBRS for US market.**

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 reading capability** eases quick acceptance of **contactless payments**. Smart **long-lasting battery**, integrated Qi compatible **wireless charging and SafeSwap™ 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™** 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 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 19 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 5.3 + 5G, Qualcomm Octa-Core platform, 6 or 8 / 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™ capability and Smart Battery Management
- IP65/68 certified, passed 3,000 tumbles at 0.5 m and multiple 2.4 m / 8 ft drops with rubber boot across operating temperatures
- Android™ 13 and 15 both supported with GMS (platform upgradeable to Android 19)
- 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

WIRELESS COMMUNICATIONS

Local Area Network (WLAN)	Wi-Fi 6/6E IEEE 802.11 a/b/g/n/ac/ax and 802.11 d/h/i/k/r/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 v5.3 (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 35/35X only)	5G 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: n1/2/3/5/7/8/20/25/28/38/40/41/66/71/77/78; • **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 wireless charging battery pack with rechargeable Li-Ion batteries; 3.86 V; 4,680 mAh typical (18.0 Watt-hours); extended wireless charging battery pack option – 6,800 mAh typical (26,3 Watt-hours) Optional: Extended wireless charging battery accessory 6,800 mAh typical (26,3 Watt-Hours); 'Safe Swap' for application data protection
Wireless Charging	WPC Qi EPP compatible; 7 W charging

ENVIRONMENTAL

Drop Resistance	Multiple 2.4m/7.8ft drops to concrete at ambient temperature with rubber boot per MIL STD 810H; 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 810H; Multiple 1.5m/4.9ft m drops to concrete at ambient temperature per MIL STD 810H; Multiple 1.2/4ft m drops to concrete over operating temp (-20°C to 50°C/-4°F to 122°F) per MIL STD 810H; *Specs refer to device with battery pack 4,680 mAh*
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. *Specs refer to device with battery pack 4,680 mAh*
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 CHARACTERISTICS

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
Weight	With battery: 314 gm / 11 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**; **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	Super Speed USB 3.2 gen1 Host and Client (Type-C); High 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	QuickBoard - A customizable enterprise virtual keyboard to enhance productivity and adapt to specific application contexts; Snap OCR - Rear or scanner camera digitizes text, streamliningdata 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 SureMDM, 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 (Memor 35/35X only)
Expansion Slots	1 Ultra High-Speed Micro SD card (up to 2 TB)
Memory	System RAM: 6GB or 8GB on-chip, plus an optional 2GB Swap Memory (using flash storage as extra RAM, activated through a setting); UFS Flash storage: 128 GB
Microprocessor	Qualcomm QCx4490 Octa-core 2.4 GHz
Operating System	Android v13 & v15 GMS options (platform upgradeable to Android 19)

WARRANTY

Warranty	1-Year Factory Warranty

ACCESSORIES

For full accessory range please refer to M30-35 accessory guide*

Base Stations/Chargers



• Charging Dock (wired or wireless available)



• 4-Slot Charging Dock (wired or wireless available)



• Multi Battery Charger

Miscellaneous



• Vehicle Charger



• Belt Holster



• Hand Strap



• Trigger Handle



• Wearable Holder

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

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