Datalogic Memor 30 & 35

Datalogic Memor 30 & 35 – Future-proof performance

✓ Fast scanning of barcodes from up to 10 meters away

✓ Robust and future-proof hardware, compatible up to Android 18

✓ Optimal data connectivity with 5G and Wi-Fi 6E

✓ High-resolution 6-inch display for efficient working

✓ 360° NFC reader for fast contactless payments

Datalogic Memor 30 & 35

Features

Readable codes: 1D, 2D

Display: 6-inch LTPS, FHD+ resolution (2160 x 1080 px)

Operating system: Android 13 GMS (can be upgraded to Android 18)

Processor: Qualcomm QCx4490 Octa-core 2.4 GHz

Memory: 6 / 8 GB RAM, 128 GB UFS Flash, expandable with Micro SD up to 2 TB

Feedback: Datalogic Green Spot for visual confirmation, vibration, sound

Buttons: 2 side scan buttons, PTT button, on/off, volume, 3 Android soft buttons

Communication: Wi-Fi 6/6E, Bluetooth 5.2, 5G (Memor 35 models only), NFC, USB 3.2 Gen1 (Type-C)

Additional features: 13 MP rear camera, 8 MP front camera, various sensors

Battery: 4,680 mAh, wireless charging, Safe Swap

Protection: IP65 and 68, MIL-STD-810H, drop-proof up to 1.2 m (1.8 m with protective cover)

Operating temperature: -20°C to 50°C

Dimensions (W x L x H): 78 x 167 x 17 mm

Weight: 314 g (with battery)

Optional accessories

Single and multiple docking stations

Multiple battery charging stations

Vehicle mount with charging option

Wearable Holder

Holster

Hand straps

Trigger Handle

Protective cover

Additional batteries

Datalogic Memor 30 & 35

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 v5.2 (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)	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 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 ºC / -4 to 122 ºF Storage/Transport: -30 to 70 ºC / -22 to 158 ºF
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	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
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: 6 GB; UFS Flash: 128 GB
Microprocessor	Qualcomm QCx4490 Octa-core 2.4 GHz
Operating System	Android v13 GMS (platform upgradeable to Android 18)

WARRANTY

Warranty	1-Year Factory Warranty