



Datalogic Skorpion X40/X45 – Kompaktes MDE-Gerät für den täglichen Einsatz



Ergonomisches und robustes Design für lange Schichten in Lager und Retail

Das kompakte, gut ausbalancierte Gehäuse liegt natürlich in der Hand und hilft, Ermüdung bei vielen Scans und Buchungen zu reduzieren.



Flexible Tastatur- und Griffoptionen für jede Aufgabe im Betrieb

29, 39 oder 48 Tasten sowie ein abnehmbarer Griff ermöglichen sichere Eingaben – auch mit Handschuhen – und den schnellen Wechsel zwischen Handheld und Pistolengriff.



Schnelles Scannen mit Green Spot für weniger Fehlbuchungen

2D-Imager lesen 1D- und 2D-Codes zuverlässig. Der grüne Punkt bestätigt erfolgreiche Scans direkt am Etikett und beschleunigt den Arbeitsfluss.



Moderne Android-Plattform mit langer Update-Perspektive bis Android 19

Android 15, Qualcomm Dragonwing 4490, 6 GB RAM und 128 GB Speicher schaffen eine stabile Basis für Enterprise-Apps und Geräteverwaltung.



Starke Verbindung mit Wi-Fi 6E und optionalem 5G im Einsatz

Wi-Fi 6/6E, Bluetooth 5.3, NFC und beim X45 zusätzlich 5G halten Daten, Apps und Teams im Lager, im Markt oder im Außeneinsatz verbunden.

Eigenschaften

Lesbare Codes: 1D, 2D

Scan-Engines: Standard oder Extended Range

Feedback: Datalogic Green Spot für visuelle Scanbestätigung, Vibration, Ton

Tasten: 29, 39 oder 48 Tasten, 2 Seitenscan-Tasten, Ein/Aus-Taste, 3 Android-Soft-Tasten

Kommunikation: Wi-Fi 6/6E, Bluetooth 5.3, 5G (nur Skorpio X45), NFC, USB 3.2, Gigabit Ethernet über Multi-Slot-Dock

Display: 4,0 Zoll (480 x 800 px), 450 Nits, Corning Gorilla Glass Victus

Betriebssystem: Android 15 GMS und AOSP, auf bis zu Android 19 aufrüstbar

Prozessor: Qualcomm Dragonwing 4490 Octa-Core 2,4 GHz

Speicher: 6 GB RAM, 128 GB UFS Flash, erweiterbar mit MicroSD bis zu 2 TB

Zusätzliche Features: 13 MP Rückkamera, GPS/GNSS (nur Skorpio X45), diverse Sensoren

Akku: 7.000 mAh, kabelloses Laden, Hot Swap

Schutz: IP65 und IP67, MIL-STD-810H, bis 2,4 m sturzsicher, Corning Gorilla Glass Victus

Betriebstemperatur: -20 °C bis +50 °C

Abmessungen (B x L x H): Handheld 75 x 210 x 27 mm, Pistol Grip 75 x 210 x 155 mm

Gewicht: 445 g Handheld, 575 g Pistol Grip, jeweils mit Akku

Optionales Zubehör

Ein- und Dreifach-Dockingstationen (Wireless Charging)

Ein- und Vierfach-Dockingstationen (mit Kontakten)

4-fach Akku-Ladestationen

Zusatz-Akkus

Schutzhülle

Gürtelholster

Handschlaufe

Schultergurt

Trigger Handle

Display-Schutzfolie

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 2/3/4/5 (ISO 14443-4 A/B; ISO 15693; Mifare; Felica) Reader and Card emulator.
WWAN / Cellular (Skorpion X45 only)	3G/UMTS/HSPA+; LTE-Advanced / 4G+; NR 5G FR1; 3GPP Rel. 16; Data only; Global Configuration: WCDMA: B1/2/4/5/6/8/19; FDD_LTE: B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/29/30/66/71; TDD_LTE: B34/38/39/40/41/42/43/48; 5G: n1/2/3/5/7/8/12/ 13/20/25/26/28/29/30/38/40/41/48/66/71/77/78/79; Private networks and CBRS support (4G and 5G)
Global Positioning System (GPS – Skorpion X45 only)	Supported Types: GPS, Galileo, GLONASS, BeiDou Integrated Assisted-GPS (A-GPS) Dual band GNSS: L1 + L5

ELECTRICAL

Battery	Removable extended battery pack with rechargeable Li- ion batteries; MicroUSB type-C for fast battery charging. 3.63 V; Rated 7,000 mAh typical (25.445 Watt-hours); Hot Swap for application data protection
Wireless Charging	WPC Qi EPP compatible; 10W charging

ENVIRONMENTAL

Drop Resistance	Multiple 2.4m/8ft drops to concrete at ambient temperature per MIL STD 810H; Multiple 1.8m/6ft drops to concrete over operating temp (-20°C to 50°C/-4°F to 122°F) per MIL STD 810H
Tumbles	3000 1.0m/3.3 ft tumbles at room temperature, meets and exceed IEC 60068-2-32 Procedure 2 specification
Particulate and Water Sealing	IP65 and IP67 with battery, per IEC60529 specification
Chemical Resistance	Chemical cleanser and industrial oil resistant; 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	Handheld: 210 x 75 x 27 mm / 8.27 x 2.95 x 1.06 in Pistol Grip: 210 x 75 x 155 mm / 8.27 x 2.95 x 6.10 in
Weight	Handheld: with battery: 445 g / 15.7 oz Pistol Grip: with battery 575 g / 20.3 oz
Primary Display	4.0-inch LCD A-Si IPS – WVGA 480 x 800 resolution; LED backlight and integrated touch screen; 450 NITS typical
Touch Panel	Touch Screen: 5 points multi-touch capacitive panel with hardened Corning® Gorilla® Glass Victus® and optical bonding; Support for gloves and stylus; water drops rejection and anti-fingerprint surface finishing
Keys	Physical Keyboards: 29-key Numeric; 39-key Functional Numeric; 48-key Alphanumeric; Physical Keys: 2 side scan keys; Power On/Off Software keys: 3 Android soft keys

AUDIO

Microphones	2 mics, with noise cancellation
Loudspeaker	Speaker for handsfree data calls and audio application

READING PERFORMANCE

Camera	Rear Camera: 13-megapixel resolution; Auto focus Illumination: user controllable LED flash (torch mode)
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 on all scan engines

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 (Skorpion X45 only)

INTERFACES

Interfaces	High Speed USB 3.2 gen1 Host and Client (Type-C); Super Speed USB 2.0 (Type-C, Bottom I/O); Gigabit Ethernet connectivity (via multi-slot dock)
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SAFETY & REGULATORY

Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use.
Environmental compliance	Complies to EU RoHS
Laser classification	VLD - Class 2 IEC/EN60825-1; Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice No. 50 dated June 24, 2007
LED classification	Exempt Risk Group IEC/EN62471

SOFTWARE

DATALOGIC MOBILITY SUITE - Discover more on: datalogic.github.io

Protection	Shield - Android Security Updates; Launcher - to lockdown device to kiosk mode; Enterprise Browser - for secure browsing; Integrity KIT - to safeguard HW interfaces
Configuration	Scan2Deploy - configure, stage and enroll device; OEMConfig - for UEM/EMM compatibility; AE QR Generator - for easy EMM/UEM enrollment; Wi-Fi QR Generator - Enroll device with Wi-Fi network
Development	SDKs (Java, Kotlin, Xamarin, .NET MAUI JavaScript); Visual Formatter - visually code flow for barcode formatting; Wedge - a configurable bar code scanning input method
Optimization	Logger - collect advanced device events log; Wi-Fi Guard - collect Wi-Fi data and statistics; Battery Manager - collect battery usage data and optimize power; including Enterprise Battery Saver - optimize battery consumption by tailoring device behavior to contextual triggers, and Smart Charge - extend battery life by syncing device charge schedule to your operations. Snap OCR - digitizes text, streamlining data entry label parsing. Pocket Mode - prevents mis-operation of the touch screen while the device is in your pocket
Empower	SoftSpot - draggable touch scanner trigger; QuickBoard - customizable on-screen virtual keyboard
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 and any OEM Config compliant UEM/EMM, Terminal Emulator and PTT; Compatibility Highlight Ivanti Velocity, StayLinked Smart TE, Zello PTT
Datalogic Connect	The next-generation IoT cloud platform that empowers organizations to remotely control, manage, and gain actionable insights from all their deployed Datalogic devices

SYSTEM

SIM Slots	1 Nano SIM; 1 eSIM (Skorpion X45 only)
Expansion Slots	1 Micro SD card (up to 2 TB)
Memory	System RAM: 6GB; UFS Flash: 128 GB
Microprocessor	Qualcomm® Dragonwing™ 4490 Octa-Core - 2.4 GHz
Operating System	Android v15 GMS and AOSP (platform upgradeable to Android 19)
Real-Time Clock	Time and date stamping under software control

WARRANTY

Warranty	1-Year Factory Warranty
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