

DT630

Enterprise-grade
Smartphone Terminal



Meet the DT630

*The New Standard for
Enterprise Smartphone*

Purpose-built for today's frontline workforce, the UROVO DT630 empowers operations across retail, warehousing, logistics, delivery, and field services. Breaking away from the traditional bulky rugged device design, DT630 combines an ultra-slim 10.4mm profile and lightweight 236g body with IP68 sealing and 1.5m drop resistance, delivering both premium portability and dependable durability for demanding environments.

Equipped with an innovative professional rear scan engine and intuitive line-of-sight scanning design, DT630 enables faster, more natural data capture while reducing operator fatigue during long shifts. Powered by a next-generation 4nm octa-core platform with a dedicated NPU, the device is ready for advanced Edge AI applications and runs Android 15, upgradeable to Android 19, ensuring long-term intelligence, security, and performance.

With integrated 5G, Wi-Fi 6E, and optional Impinj Gen2X RFID technology, DT630 provides real-time connectivity and visibility across the entire operation, helping enterprises improve productivity and supply chain efficiency.

DT630 is more than a device — it is the new standard for enterprise mobility.

Product Highlights

Ultra-light & Slim Design

Breaking away from traditional bulky PDA designs, the DT630 combines the sleek, modern aesthetics of a consumer smartphone with the robust performance of an enterprise-grade intelligent terminal. Weighing only 236g and measuring just 10.4mm thin—19.4% thinner than the previous generation—it delivers exceptional portability in a lightweight, ergonomic form factor built for all-day frontline use.

Advanced Rear Scan Engine Streamlines Workflows

An innovative rear-positioned scanner with intuitive line-of-sight scanning enables faster, more natural operation — minimizing fatigue and maximizing productivity.

The standard 1D/2D scan engine delivers fast, accurate barcode capture with stable performance in all lighting conditions, including bright sunlight.

Superior Performance

Powered by a 4nm octa-core processor (AnTuTu 950K+) with a dedicated NPU, DT630 is ready for next-generation Edge AI applications.

Runs Android 15, upgradeable to Android 20, ensuring long-term reliability and intelligence.

Next-Gen Wireless

With support for 5G and Wi-Fi 6E, the DT630 delivers seamless, low-latency connectivity—ensuring real-time data flow throughout logistics and delivery operations.

Vibrant 6.6 inch FHD Display for Ultimate Immersion

Featuring a 6.6-inch(1080 x 2408) FHD+ display with brightness up to 500 nits, the DT630 delivers clear visibility even under outdoor or strong lighting conditions, making it ideal for field inspection, logistics, and other outdoor work scenarios.

50MP Camera · AI Image Enhancement Algorithm

Capture true-to-life images and 4K video even in low light . AI-powered enhancement turns every shot into actionable insight.

Integrated UHF RFID Speed Meets Accuracy

Equipped with Impinj Gen2X, it delivers an RFID reading rate of over 50 tags/sec and a range of 1.2 meters — enabling fast, accurate, and effortless inventory management.

AI-Powered Smart Battery Management

The DT630 features a 4,500 mAh standard battery. AI-driven intelligent charging optimizes charging efficiency and extends battery lifespan, ensuring reliable power for demanding all-day operations.

Dedicated NPU Empowers AI Performance

Powerful real-time AI processing across images, video,voice-ready for future AI applications

Biometric Security

A fingerprint sensor integrated into the power button enables instant, secure user authentication with a single touch.

Industrial-grade Protection

Built for demanding work environments, DT630 is IP68-rated for dust and water resistance and withstands 1.5-meter drops onto concrete, significantly improving device durability and reducing maintenance costs.

Streamlined Device Setup & Enterprise Management

UROVO U-Stage is designed to make device setup faster and simpler, helping customers get all their devices ready for use with minimal effort. By creating a staging file with the required configurations, settings, and applications, devices can be automatically set up through remote deployment, local file import, or QR code scanning—without manual procedures.

OEMConfig also integrates with enterprise EMM platforms, enabling customized policy deployment, permission control, and compliance management across devices.

Visualized Fleet Management

UROVO UMS (Unified Management System) provides visualized management, enabling IT administrators to centrally manage multiple mobile devices from a single dashboard across different device types and operating systems. It supports shared device access control, application whitelisting and blacklisting, as well as granular user and device group permissions. From deployment to decommissioning, UMS streamlines device and smart battery lifecycle management, remote data wipe, and password policy enforcement—helping enterprises protect critical data while improving workforce productivity.

Specifications

PERFORMANCE CHARACTERISTICS

CPU	Octa-core 2.5GHz Antutu Score 950,707(ANTUTU Version11)
Operating System	Android 15.0, Upgradable to Android 20
Memory	8GB RAM/128GB ROM

PHYSICAL CHARACTERISTICS

Dimensions	170.5 mm L x 78.1 mm W x 10.4 mm D
Weight	236g
Display	6.6 inches 1080 x 2408, LCD, 500 nits
Touchpanel	Multi-mode capacitive touch with bare or gloved fingertip input or stylus (sold separately); Water droplet rejection; Fingerprint resistant anti-smudge coating
Power	User replaceable battery; Standard capacity 3.88V 4500mAh / 17.46Wh; Smart Battery Management
Quick Charging	Support
Expansion Slot	User-accessible microSD card up to 2 TB
SIM / SAM	1 Nano SIM / e-SIM Dual SIM/Dual Standby
Interface	Bottom: USB-C 2.0(support OTG), 2-pin Charging Connector
Notification	Audible tone; Vibration: LED
Keypad & Button	On-screen keypad and Enterprise Keyboard; Power button*1; Volume up/down buttons; Dual-action side programmable action button: default to scan;
Voice and Audio	Two noise-canceling microphones; High-quality Single speaker phone; PTT headset USB-C support; Bluetooth wireless headset support; NB & WB audio; cellular circuit switch voice; HD voice
PTT Hot Key	Programmable action buttons: Default to scan

WIRELESS WAN DATA AND VOICE COMMUNICATION

Radio Frequency Band	Europe&Asia: 2G: 850/900/1800/1900 3G: B1/B2/B4/B5/B8 4G: B1/2/3/4(AWS)/5/7/8/12/13/17/18/19/20 /26/28/34/38/39/40/41/42/43/48/66(AWS-3); 5G: n1/n2/3/5/7/8/20/26/28/38/40/41/48/ 66(AWS-3)/77/78; support CA for LTE; support ENDC for 5G North America: 2G: 850/1800/1900 3G: B1/B2/B4/B5 4G: B1/2/3/4(AWS)/5/7/12/13/17/18/19/20 /26/28/38/40/41/42/43/48/66(AWS-3)/71; 5G: n1/n2/3/5/7/20/26/28/38/40/41/48/ 66(AWS-3)/77/78/n71; support CA for LTE; support ENDC for 5G Dual SIM/Dual Standby, VoLTE, Gigabit LTE-A, 5G NR Sub-6 (NSA, SA), LTE/NR Carrier Aggregation, Supports CBRS
GPS	GPS、A-GPS、北斗、GLONASS、Galileo、QZSS concurrent L1/G1/E1/B1 (GPS/QZSS, GLO, GAL, BeiDou) + L5/E5a/BDSB2a (GPS/QZSS, GAL, BeiDou); a-GPS;

WIRELESS LAN

Radio	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w/mc/ax; 2x2 MU-MIMO; Wi-Fi™ 6E; IPv4, IPv6
Data Rates	6 GHz: 802.11ax – 20 MHz, 40 MHz, 80 MHz– up to 1201 Mbps 5 GHz: 802.11a/n/ac/ax – 20 MHz, 40 MHz, 80 MHz– up to 1201 Mbps 2.4 GHz: 802.11b/g/n/ax – 20 MHz, 40 MHz – up to 573.5 Mbps
Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA3 Personal (SAE); WPA/WPA2 Enterprise (TKIP and AES); WPA3 Enterprise (AES),EAP- TTLS (PAP, MSCHAP,MSCHAPV2),EAP-TLS, PEAPV0-MSCHAPV2, PEAPV1- EAP-GTC , EAP-PWD; WPA3 Enterprise 192- bit mode (GCMP-256)-EAP-TLS; Enhanced Open (OWE); WPA3-FT, SCV (Server Certificates Validation)

SENSOR

Light Sensor	Ambient Light
Other Sensors	Accelerator+ Proximity + Geomagnetic + Gyro + Finger

WIRELESS PAN

Bluetooth	Configurable Class 1 and 2, Bluetooth v5.4; Classic Bluetooth(BR/EDR) and Bluetooth LE
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DATA CAPTURE

Scanning	Standard Range 1D/2D scan engine. Rear scan engine
Camera	Rear: 50MP autofocus; flash LED, PDAF; Torch mode; Front : 8MP Fixed, FF;
NFC	ISO 14443 Type A & B, Sony FeliCa (S Class), ISO 15693 (Type 1/2/3/4/5), MIFARE 1K/4K, MIFARE DESFire, ISO/IEC 18092 (Type F). Card Emulation via Host (HCE), Soft POS support.
RFID	Optional Built-In UHF RFID - Read Range : Up to 1.5 m - Read Rate : 50 tags/s
Biometrics	Fingerprint sensor integrated into the power button

USER ENVIRONMENT

Operating Temp	-20° C to 60° C / -4° F to 140° F
Storage Temp	-40° C to 70° C / -40° F to 158° F
Humidity	5%-95% non-condensing
Drop Spec	1.5 m/4.9 ft, 1.8 m/5.9 ft.(with rugged case) drops to tile over concrete over operating temp (25° C/77° F) per MIL-STD 810H 1.2 m/3.9 ft, 1.5 m/4.9 ft.(with rugged case) drops to tile over concrete over operating temp (-10° C to 60° C/14° F to 140° F) per MIL-STD 810H
Tumble Spec	1000 1.6 ft./0.5 meter tumbles at room temperature without Rugged boot
Sealing	IP68
Vibration	12.2 g PK Sine (10 Hz to 55 Hz); 2.0 mm Double Amplitude (Constant Displacement); 60 minute duration per axis, 3 axis;
Thermal Shock	-40° C to 70° C(-40° F to 158° F)thermal shock; 12 cycles (1 cycle = 1 hour at -40° C and 1 hour at 70° C); 2-hour recovery at room temperature before inspection;
Electrostatic Discharge (ESD)	+/-15kVdc air discharge +/-8kVdc direct discharge +/-8kVdc indirect discharge

SOFTWARE SOLUTIONS

UEE Software Solutions	-Enterprise Management: Unified Management System (UMS) UStage Provisioning OEMConfig UTalk 2.0 PTT platform OTA / Firmware Update Management App Market -Device Productivity: ScanWedge RFIDWedge OCRWedge Key Mapping U-Browser Enterprise Launcher -Diagnostics & Maintenance: Log Capture Wi-Fi Diagnostics Smart Battery Management -AI& Smart Tools: OCR Text Recognition AI Vision- Multibarcode AI Voice - Translingo/ Control
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3rd Party Solutions Integration	EMM: SOTI Omnissa Workspace ONE(Airwatch) safeUEM Industry Solutions: SAP Velocity (TE) P3finder TeamViewer
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ACCESSORIES

Accessories	<ul style="list-style-type: none"> • Single-slot charging cradle (1 DT630 device with/without rugged case & 1 spare battery charging) • 5-slot charging cradle (5 DT630 devices with/without rugged case) • Standard battery(4500mAh) • Rugged case(with wrist strap) • Shoulder strap • Glass protective film • 18W(9V-2A) wall adapter + USB 2.0 Type C cable
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Industry & Applications



Retail

- Inventory Management
- Assisted Selling
- In-Store Communication & Collaboration
- Item Location & Product Lookup
- Customer Engagement
- Task & Price Management
- Front of Store Replenishment



Transportation & Logistics

- Parcel Tracking
- Proof of Delivery (POD)
- Work Order Management
- Inventory Replenishment
- Workforce Collaboration



Airlines

- Passenger Processing & Gate-side
- Baggage Check
- Passenger Manifest Verification
- In-flight Retail & Catering Sales



Hospitality & Event Management

- Credential Management & Access Control
- Attendee Lead Capture
- Contactless Payment
- Staff Communication & Collaboration



Healthcare

- Patient Tracking
- Clinical Mobility
- Asset Tracking & Locationing
- Pharmacy Management
- At-home Care Support

FOR MORE INFORMATION

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