

KATIM



KATIM X3M

SECURE OPERATIONAL MOBILITY

SECURE. CONNECTED. READY.



SECURE MOBILE PLATFORM

KATIM X3M is a purpose-built secure mobile platform engineered for organisations operating in mission-critical environments. Designed from the ground up for trusted mobility, proactive security, and operational resilience, it enables secure communications, protected access to sensitive information, and trusted operational collaboration across distributed environments.

Unlike conventional smartphones that rely primarily on app-layer security, KATIM X3M integrates trust throughout the device architecture, from hardware and operating system to secure applications and operational services such as KATIM X4. Built on a secure-by-design philosophy with hardened architecture and lifecycle integrity, it enables organisations to operate with confidence while maintaining control over devices, communications, and operational data.

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OPERATIONAL CAPABILITIES

Secure Operational Mobility	Enables trusted mobile operations through secure communications, protected access to sensitive information, and resilient connectivity across distributed environments.
Trusted Execution Environment	Provides a secure execution environment for operational applications and workflows, supporting platforms such as KATIM X4 while maintaining device integrity and controlled access.
Hardware Root of Trust	Dedicated secure MCU establishing a hardware root of trust through unclonable key generation, secure key storage, tamper detection, and instant cryptographic key zeroisation.
Trust & Lifecycle Integrity	Built on a secure-by-design philosophy with controlled manufacturing, controlled deployment, and lifecycle integrity principles that help organisations maintain operational confidence over time.

TECHNICAL SPECIFICATIONS

Secure Operational Platform	- Qualcomm® QCM8550 platform - KATIM OS - 16 GB LPDDR5X RAM / 128 GB UFS 4.0 - 6.5" AMOLED FHD+ display - Wi-Fi 6E, Bluetooth 5.3, GNSS, NFC - Optional 2G, 3G, 4G, and 5G Sub-6 connectivity (NSA/SA) with dual SIM support - Wired and wireless charging support
Hardware Root of Trust	- Dedicated secure MCU - Unclonable key generation - Secure key storage - Tamper detection and monitoring - Instant cryptographic key zeroisation
Secure Communication & Collaboration	- Supports the KATIM X4 secure collaboration platform - Encrypted messaging, voice, video, and file sharing - Secure execution environment for secure operational applications - Secure communications across distributed operational environments
Operational Resilience	- High-strength aluminium and reinforced thermoplastic construction - IP68-rated device architecture - Optional ruggedised protection supporting MIL-STD-810H and MIL-STD-461G operational requirements - Engineered for sustained operational performance and evolving application requirements
Mission Extension Capability	- Dedicated expansion interface supporting mission-specific modules including push-to-talk, land mobile radio, extended battery, and specialised connectivity options.



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