



KATIM® PHONE

A personal vault for private mobile communications.

ESSENTIAL SECURITY FEATURES AND CAPABILITIES

- Device and user keys stored and managed on Crypto Card, a tamper resistant secure element that is cryptographically bound to the phone platform and boot-up
- Customer defined and controlled trust roots
- Two-factor authentication with fingerprint and passcode
- Multi-level hardware tamper protection and detection
- Mechanical switch to turn on SHIELD MODE®, protecting user privacy by disabling microphones, cameras in the hardware, and Bluetooth, motion sensors, and location services in the software
- Recording devices automatically silenced when device is locked
- USB interface protection preventing malware and data theft
- Secure boot verifying integrity of hardware and software
- Roll back protection preventing use of older version of software components
- Runtime integrity protection of the system and user data
- Strong encryption of all the information stored on the device
- Unauthorised application installation and execution prevented
- App and certificate installation allowed only from trusted source via KATIM® Command Centre
- App sandboxing isolating apps from the system and other apps
- Custom permission framework and permission control per app
- Cryptographically protected remote attestation verifying legitimacy of the software
- Automatic device wipe triggered by hardware or software tamper
- Frequent software updates with patches for new known vulnerabilities
- KATIM® Command Centre to administer the device fleet, install apps, push security policies and software updates over-the-air, and remotely lock and wipe the device
- KATIM® secure apps suite available for strongly encrypted email, chat, voice and video communication, and secure handling of office documents



TECHNICAL SPECIFICATIONS

BODY	Material: Precision machined 7000 series aluminium alloy
	Colour: Carbide grey
DIMENSIONS & WEIGHT	Length: 151.2mm
	Width: 74.6mm
	Thickness: 8.5mm
	Weight: 175g
PROCESSOR	Qualcomm® Snapdragon™ 821
OPERATING SYSTEM	KATIM® OS (Hardened Android™)
DISPLAY	Size: 5.2"
	Resolution: 1920x1080 (Full HD)
	Aspect ratio: 16:9
	Technology: IPS LCD with capacitive touch
	Protection: Corning® Gorilla® glass 5 with diamond-like carbon coating
CAMERA	Rear camera: 12MP 1.4 um Dual Pixel image sensor with advanced autofocus 6-lens structure, f/1.7 aperture Dual-LED, dual-colour flash
	Front camera: 5MP
CELLULAR NETWORK	GSM, GPRS/EGPRS MSC (Class 12); Bands B2, B3, B5, B8
	WCDMA, HSDPA (Cat 24), DC-HSDPA, HSUPA (Cat 6); Bands B1, B2, B4, B5, B8 w/diversity
	LTE-FDD (Cat 6), Bands B1, B2, B3, B4, B7, B8, B12, B17, B20, B25 with VoLTE
	LTE-TDD (Cat 6), Bands B38, B40
	SIM card reader: Nano dual-SIM (4FF)
CONNECTIVITY	Wi-Fi 802.11 a/b/g/n/ac, 2x2 MU-MIMO
	Bluetooth 4.2
	USB 2.0 (Type-C)
LOCATION	Assisted GPS, Galileo, Glonass, Beidou
MEMORY	RAM: 4GB
	Mass memory: 64GB
	External memory support: microSD card reader for crypto card
SENSORS	Fingerprint sensor
	Gyroscope and accelerometer
	Magnetometer
	Ambient light and proximity sensor
POWER AND BATTERY	Built in 3825mAh Lithium-polymer battery
	Qualcomm® Quick Charge™ technology
BUTTONS AND CONNECTORS	Combined lock & power button
	Volume buttons
	Capacitive Home button with inbuilt fingerprint scanner
	Hidden-tilt-lit capacitive buttons for Back and Recent Applications
	SHIELD MODE® switch
	USB Type-C connector
	3.5mm audio connector
WATER RESISTANCE	IP67 rating
	Dust tight
	Up to 30min submersion in up to 1m of water
SECURE COMMUNICATION	KATIM® Messenger for secure chat, voice and video communication
APPLICATIONS SUITE	KATIM® Email for secure email
	SmartOffice for handling office documents
	KATIM® File Transfer for sending securely files from your personal phone to KATIM® Phone