KATIM® Phone

A personal vault for private mobile communications.

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ESSENTIAL SECURITY FEATURES AND CAPABILITIES

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- 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

Aldar HQ, Level 15,
Al Raha Beach,
Abu Dhabi, UAE

الدار HQ - الطابق 15،
شاطئ الراحة،
أبوظبــي، الإمــارات العربيــة المتحـدة.

![DIGITAL14 ديجيتال 14 logo]

KATIM® Phone

TECHNICAL SPECIFICATIONS

BODY	Material: Precision machined 7000 series aluminum alloy
	Color: Carbide gray
DIMENSIONS & WEIGHT	Lenght: 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: 16:19
	Technology: IPS LCD with capacitive touch
	Window: 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-color 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-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, Glonass, Beidou, Galileo
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-till-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 AND APPLICATION SUITE	KATIM® Messenger for secure chat, voice and video communication
	SmartOffice for handling office documents
	KATIM® File Transfer for sending securely files from your personal phone to KATIM® Phone