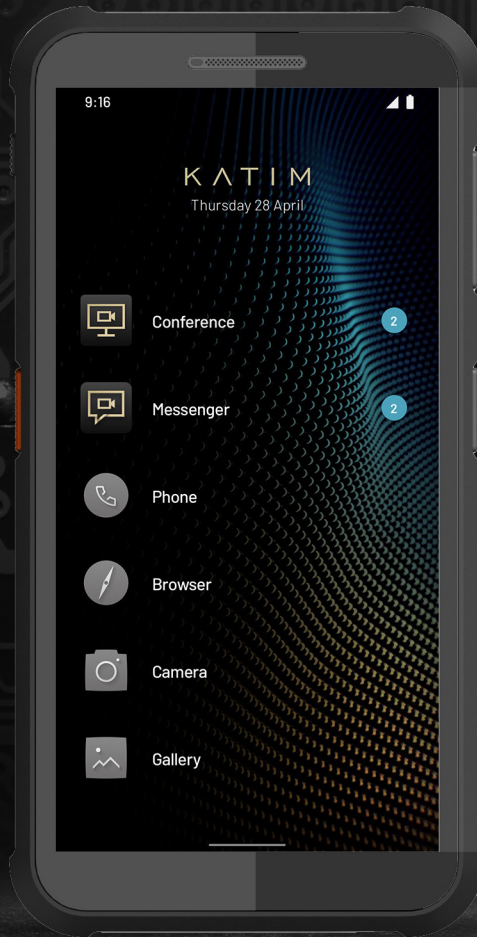


KATIM



KATIM® R01

TOUGH OUTSIDE, TOUGHER INSIDE.

ESSENTIAL SECURITY FEATURES AND CAPABILITIES



Device and user keys stored and managed on in-built secure element, tamper protected secure Micro Controller Unit

Customer defined and controlled trust roots

Two-factor authentication with fingerprint and passcode

Advanced, 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

SPECIFICATIONS

BODY	Rigid aluminum structure protecting the inner parts. Rear housing with super-tough technical thermoplastic re-enforced with glass fiber, and outer layer made of thermoplastic polyurethane to protect against wearing and chemicals to absorb energy of impacts.
DIMENSIONS & WEIGHT	Length: 154.7mm
	Width: 78mm
	Thickness: 15.1mm
	Weight: 275g
PROCESSOR	Qualcomm® Snapdragon™ 845
OPERATING SYSTEM	KATIM® OS (Hardened Android™)
DISPLAY	Size: 5.65"
	Aspect ratio: 1v8:9
	Technology: LCD with capacitive touch
	Window: Corning® Gorilla® glass 5 with laminated hard-coated plastic sheet
CAMERA	Rear camera: 12MP
	Dual-LED, dual-color flash
	Front camera: 8MP
CELLULAR NETWORK	Commercial LTE, WCDMA and 2G GSM Dual SIM (4FF)
CONNECTIVITY	Wi-Fi 802.11 a/b/g/n/ac, 2x2 MU-MIMO
	Bluetooth 5.0
	NFC
	USB 2.0 (Type-C)
LOCATION	Assisted GPS, Galileo, Glonass, Beidou
MEMORY	RAM: 4GB
	Mass memory: 128GB
SENSORS	Fingerprint sensor
	Gyroscope and accelerometer
	Magnetometer
	Ambient light and proximity sensor
	Barometer
POWER AND BATTERY	Temperature and humidity sensor
	Built in 5780mAh Lithium-polymer battery
	Qualcomm® Quick Charge™ technology
BUTTONS AND CONNECTORS	Combined lock & power button
	Volume buttons
	Push-to-Talk button
	SOS button
	SHIELD MODE® switch
	USB Type-C connector
	3.5mm audio connector
RUGGED STANDARDS	MIL-STD 810G
	MIL-STD 461G
	IP68 rating
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