

MULTI-MODAL BIOMETRIC HANDHELD

COMET-M1

Verify and enrol identities
anywhere — even off-grid.

Rugged multi-modal biometric handheld for field identity
verification and enrolment.

IP67

IR Cameras

MRZ + UV

Iris Capture



Multi-Modal
Biometrics

FAP30 · iris · face · MRZ



All-Day Performance
8,000 mAh battery



Always Connected
4G · WiFi · GPS · BT



Rugged & Field-Ready
IP67 rated handheld



Android 15
Open MDM ecosystem



DISPLAY

Screen size	5" multi-touch (G+G)
Resolution	1280 x 720
Brightness	800 nit



PROCESSOR & MEMORY

Processor	Eight-Core Cortex A73
Frequency	Up to 2.2 GHz
RAM	8 GB
Storage	256 GB (eMMC / UFS)
Expandable	microSD up to 512 GB



CONNECTIVITY

Cellular	4G LTE · 3G · GSM
WiFi	802.11 a/b/g/n/ac
Bluetooth	5.0
GPS	Built-in
SIM	2 SIM + 2 SAM + 1 SD
USB	USB-A · USB-C · DC



BIOMETRICS & CAPTURE

Fingerprint	FAP30 · FBI · 508 dpi
Iris	OPT Supported
Face	1:1 and 1:N
Laser scanner	OPT 1D/2D/PDF417 · MRZ · UV
Smart card	ISO 7816 + contactless
NFC	ISO 14443



CAMERAS

Rear camera	16 MP + 2 MP IR
Front camera	8 MP + 2 MP IR



BATTERY & POWER

Capacity	8,000 mAh (3.8 V)
Charging	USB-C / DC



RUGGEDNESS & PHYSICAL

IP rating	IP67
Dimensions	205 x 95 x 20 mm
Weight	500 g



OS & SOFTWARE

Operating system	Android 15
Audio	Mic + 1W stereo speakers

BUILT FOR REAL-WORLD IDENTITY PROGRAMMES



National ID



ID Verification



SIM Registration



Election