

# TCx<sup>®</sup> M1 Associate Mobile Handheld Technical Specifications

FEATURES	
Product Name	TCx <sup>®</sup> M1 Associate Mobile
Model	2001-100
Operating System	Android 11 Go
CPU	ARM Cortex-A53 Quad-Core 2.0 GHz
Memory	4 GB RAM + 64 GB ROM
Display	5" HD 1280×720, IPS
Scanner	1D/2D Professional Barcode Reader
Magnetic Card Reader	- Support 1/2/3 track - Support Bi-direction, complies with ISO7810/7811 standards
Smart Card Reader (IC Card)	Support smart IC card, complies with ISO7816/EMV/PBOC 3.0 standards
NFC	- Type A&B card - MIFARE card - EMV CL 3.1 - ISO/IEC 14443 Paypass and Paywave
PSAM Card Slot	Complies with ISO7816 standard
Security	- ANSI X9.8/ISO9564, ANSI X9.9/ISO8731, Master Key/Session Key, Support 3DES, - RSA, SHA-256, SM2, SM3, SM4, etc
Certifications	- PCI PTS 6.x, SRED - EMV L1 & L2, EMV Contactless L1 - Mastercard TQM, Mastercard contactless - Visa - Paywave - Discover D-PAS - JCB - AE - Quickpass - FCC - CE - RoHs
Battery	- 3.8V / 3000mAh, Battery charge – 8 hrs, Charge time 2H, 45 min - 500 cycles charge/discharge (then decays to 80% power)
Camera	- Rear camera – 5.0 MP FF, support 1D/2D barcode scan - Front camera, 0.3 MP fixed focus
Communication	- WiFi 2.4G/5G IEEE 802.11 ac/a/b/g/n support, Supports Hotspot - Bluetooth 5.0, support BLE - 4G (TD-LTE, FDD-LTE) + 3G (WCDMA) + 2G (GSM/GPRS)
Charging Port(s)	- 1x Type-C USB OTG - 2x Pogo-pin on bottom
GPS	GPS, AGPS
Pogo Pin	2x Pogo Pin
Buttons	- Power on/off - Functional keys – scanner, volume control
Sim Card	Yes - Dual SIM Cards, Support 1.8V/3.0V
Micro SD card slot	Yes - MicroSD (TF) up to 32G
Sensor(s)	Gravity Sensor, P/L sensor
Accessories (optional)	4-bay multi-charging cradle, Input: AC 100 ~ 240V, Output: DC 5V / 1A
Warranty	1 year depot
Dimensions	5.84 in. x 2.85 in. x 0.61 in. (148.5 mm x 72.5 mm x 15.6 mm)
Adaptor	Input: AC 100-240V, Output: DC 5V/1A
Weight	0.5 lbs (235 g)
IP Rated	No (due to MSR and Dip Slot)
Environmental	Operating temp: 14° F - 140° F (-20° C - 60° C), Storage temp: -4° F - 140° F (-20° C - 60° C)