

# Technical specifications

J-COM

<b>Model Name</b>	<b>SC40</b>
OS	Android 11
CPU	Octa-core 2.0GHz
RAM+ROM	3GB+32GB
Battery	Swappable 5200mAh lithium-ion polymer battery(5200mAh, 3.85V); Continuous use: over 10 hours (Laboratory test data); Charging time:4 hours (charge device by standard adaptor and USB cable)
Backup Battery	50mAh
Display	4.0-inch, IPS 480 x 800
Touch Panel	5-point capacitive touch screen,Multi-touch panel, gloves and wet hands supported
Front Camera	8MP FF
Rear Camera	13MP AF with Flash
Audio	MIC, Receiver, loudspeaker(2W), Support voice call
Sensor	Proximity sensor, light sensor, accelerometer sensor
Indicator LED	Power, charging, status indicator
Vibrator	Support
Card slot	2 slots for Nano SIM Card, 1 slot for Micro SD Card
Interfaces	USB Type-C, USB 2.0, OTG
Dimensions	161(H)*70.6(W)*17.1(T)mm/6.33 x 2.78 x 0.67in
Weight	270g/9.52oz. (With battery)
Expansion	Supports up to 256 GB Micro SD card
Keypad	27 physical keys (1 power key, 2 function keys)
SDK	SPEEDATA Software Development Kit
Language	Java
Tool	Android Studio
Operating Temp.	-4°F to 131°F/-20°C to 55°C
Storage Temp.	-22°F to 158°F / -30°C to 70°C
Humidity	5% RH - 95% RH non condensing
Drop Specification	Multiple 1.8m / 5.9 ft. drops to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5 m / 1.64 ft. falls at room temperature
Sealing	IP67 per IEC sealing specifications
ESD	±15 KV air discharge, ±8 KV conductive discharge
WWAN	FDD-LTE B1/B2/B4/B5/B7/B8/B20/B28A; TDD-LTE B34/B38/B39/B40/B41; WCDMA B1/B2/B4/B5; GSM B2/B5/B8; CDMA/EVDO BC0/BC1 N/A
WLAN	IEEE 802.11 a/b/g/n/ac 2.4G 5G dual frequency(Wi-Fi 5); Fast roaming: PMKID caching, 802.11r, OKC
Bluetooth	BT5.1BLE
GNSS	GPS/AGPS, GLONASS, BeiDou
Frequency	13.56MHz
Protocol	ISO14443A/B, ISO15693
Range	0~5cm depends on different tags
2D barcode Scanner	Newland CM60
1D Symbologies	EAN13, EAN8, UPCA, UPCE, Code 128, Code 39, Codabar, UCC/EAN128, RSS, ITF, ITF14, ITF6, ISSN, ISBN, Standard 25, Matrix 25,Industrial 25, Plessey, MSI Plessey, Code 11, Code 93, etc.
2D Symbologies	PDF417, Micro PDF417 , QR Code, Micro QR , DataMatrix, AZTEC, Han Xin,Maxicode, Composite, etc.
Other	Australia Post, China Post, Japanese Post, KIX Code, USPS Planet/Postnet/Intelligent Maill,OCR-A, OCR-B, etc.
Certificate	CE、GMS、 ROHS、 UN38.3, MIL-STD-810G