inFlow Smart Scanner3

SPECIFICATIONS

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Performance

Model	Smart Scanner 3
O.S.	Andriod 11 (R)
Processor	Octa-core 2.45GHz
Memory	RAM: 4GB ROM: 64GB
Extended Memory	Micro-SD card, Up to 256GB

Network Connections

WWAN	4G / 3G / 2G Dual-SIM, Dual-Standby
Bluetooth	BT5.0 + BLE
WIFI	2.4G/5G, IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w Roaming: 802.11r /OKC/ PMKID caching 802.11ax ready
NFC	RFID 13.56MHz ISO15693, ISO14443A/B, Mifare, Felica
Positioning	Dual-band GPS(L1+L5), A-GPS, BeiDou, GLONASS, Galileo

Environment

Operating Temp.	-20°C to 60°C
Storage Temp.	-40°C to 70°C
Humidity	5%RH~95%RH (No condensation)
Drop Specification	Multiple 1.5 m drops to concrete at room temperature
Sealing	IP67
ESD	+/-15kv Air; +/-8kv contact

Basic Specifications

Dimensions	162.6 x 76 x 13.6mm
Weight	265g
Display	5.7 inch display, 720 x 1440
Touch Screen	Ultra sensitive capacitive touch panel, support multi-touch, works with gloves and wet fingers
Main Battery	Capacity: 3.85V 4300mAh 6000mAh (optional)
RTC	The system time could be backed up for 10 minutes after the battery is removed
Charging Time	Less than 4 hours (with non-QC adapter) (room temperature) Less than 3 hours (with QC adapter) (room temperature)
Audio	Dual-Microphone (noise cancellation), Speaker (1.5W, 100dB @ 10cm), Receiver, 3.5mm audio jack
Buttons	PWR button, Vol+/- button, scan button*2, custom button
Notifications	Audible tone; multi-color LEDs; vibration
Camera	Front 5MP, Rear 13MP with flash
Sensors	Light + Accelerator+ Proximity + Geomagnetic + Gyro (optional)
Fingerprint	Capacitive Fingerprint Module (optional)
Scanning	Professional scan engine Support international standard 1D/2D barcode; Support barcode displayed on screen and colored barcode;
Slots	Micro SD/TFx1 , Nano- SIMx2
Interfaces	USB TypeC*1, support OTG, support USB3.1; Bottom POGO PIN*2, back POGO PIN* 9

DATA CAPTURE SPECIFICATIONS

Camera

Rear Camera

Functions	Flash light (700mA), Auto-focus, Video, PDAF
Pixels	13 MP

Front Camera

Pixels	5MP, Fixed-focus

Scan Engine

2D Image Engine Specifications	
Scan Angle's Tilt	360°
Scan Angle's Pitch	±60°
Scan Angle's Skew	±60°
Laser Type	Class II
Fill-in light	White LED, soft light
Barcodes Support	Linear: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended Coupon Code, Coupon GS1 Code 32 (PARAF), EAN-UCC Emulation, GS1 Data Bar 2D Stacked: Codablock A, Codablock F, PDF417, MicroPDF417 2D Matrix: Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin), Grid Matrix, Dot Code Postal: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet

RFID (HF)

RFID	**HF**
Protocol	ISO15693, ISO14443 A/B, Mifare, Felica
Frequency	13.56MHz
Mode	Card Emulation, Peer-to-Peer, Reader
Reading Range	Read distance 0-6cm (ISO15693), 0-4cm (ISO14443A/B)

NETWORK CONNECTIONS

Positioning

Positioning	Specifications
Mode	GPS, A-GPS, BEIDOU, GLONASS, Galileo
Frequency	GPS (L1+L5), BeiDou (B1 1.561GHz), GLONASS (L1 1.602GHz) Galileo (E1 1.589 GHz / E2 1.561 GHz)
Cold start time	Less than 40s
Max channel	31 channels
Sensitivity	-130dB (SNR value 40dBHz)
Precision	2~3 Meters (open space)

Wireless LAN

WLAN	Specifications
Protocol	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w (2.4G/5G dual band WIFI) IEEE 802.11ax ready
Frequency	2.4G, 5G
Working channels	CH1~CH13, CH34-CH140, CH149~CH165, depends on country (region)
Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA3 Personal (SAE); WPA/WPA2 Enterprise (TKIP and AES); WPA3 Enterprise 192-bit mode (GCMP-256) - EAP-TLS; Enhanced Open (OWE)
Fast roaming	PMKID caching; Cisco CCKM; 802.11r(Over-the-Air); OKC, WIFI roaming threshold could be set

Wireless WAN

WAN	Specifications
Mode	Dual-SIM, Dual-Standby
Frequency Band (Europe & Asia)	TD-LTE (B34/B38/B39/B40/B41) FDD-LTE (B1/B3/B5/B7/B8/B20) WCDMA (B1/B2/B4/B5/B8) TD-SCDMA (B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz) CDMA1x GSM/EDGE/GPRS(850/900/1800/1900)

Wireless PAN

BT	Specifications
Mode	BT5.0 + BLE

Optional Accessories

	Type
Accessory	Charging cradle, Multi-slot cradle, 4-lot battery, charging cradle, Hand strap, Gun grip, UHF gun, grip, 6000mAh battery, Boot case, Optical fingerprint, Screen Protector, Holster