

ST55G

UHF RFID READER

Technical specifications

Model Name	ST55G	Working humidity	5% to 95%
CPU	Octa-core 2.0GHz	IP class	IP67
OS	Android 11	Drop test	1.8m free drop to concrete
RAM	4GB	ESD	±15kV Air Discharge, ±8kV Contact Discharge
ROM	64GB	NFC	Supporting agreement: ISO14443A/B, ISO15693, reading distance: 0~5cm
Weight	291g	Barcode Scanning	NLS-CM60 EAN13, EAN8, UPCA, UPCE, Code 128, Code 39, Codabar, UCC/EAN128, RSS, ITF, TF14,ITF6, ISSN,ISBN, Standard 25, Matrix 25, Industrial 25, Plessey, MSI Plessey, Code 11, Code 93, PDF417, QR Code, DataMatrix, AZTEC, Hanxin Code, Maxicode, Micro QR, Micro PDF417, Composite
Camera	Rear camera 13MP AF, High brightness LED flash, Front Camera 5MP FF		
Resolution	720*1400		
Screen	5.5' IPS		
Touch screen	5-point capacitive touch screen		
Dimension	155mm*74.5mm*26.8mm		
Battery	5000mAh Li-ion battery		
Charging	PE fast charge,full charged time<4 hours		
Bluetooth	BT5.0 (BLE)		
Wi-Fi	IEEE 802.11 a/b/g/n/ac; 2.4G/5G dual frequency; Fast roaming support		
WWLAN	FDD-LTE B1/B2/B3/B5/B7/B8 TDD-LTE B34/B38/B39/B40/B41 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 CDMA/EVDO BC0/BC1	UHF RFID	
GPS	GPS+BD+GLONASS	Reader	Impinj E310
Audio	Front dual stereo speakers, Volume 95db+3db(test distance 10cm)	Protocol	Comply with EPC GS/ISO18000-6C
Sensor	Gsensor,Ambient light sensor, Proximity Sensor	option Frequency	China(920MHz~925MH) North America(902MHz-928MHz) Euro (865MHz-867MHz)
Interface	2 Nano SIM slots; 1 Micro SD slot(up to 256G); USB Type-C; OTG Support; Bottom charging electric shock	Antenna	1.5dBi ceramic antenna
Keypad	2 volume Keys, 2 function keys, 1 power key	Power	5dBm~30dBm(1w); adjustable: 1 dbm step
Notification	Sound, vibration, LED prompt	Read Range	indoor >3m, outdoor >1.5m
Working temperature	-20°C to +55°C	Read Rate	>30Tags/s
Storage temperature	-30°C to +70°C		