

# ST455i Industrial Smartphone

## Powerful, Rugged, Mobile Communication



The ST455CL-i is a classical android Smartphone. Featuring a Quad-core processor, 5" high resolution screen, a long-life battery, and an impressive array of communication and connectivity options.

In addition, an impressive IP rating and ruggedized casing, the ST455i is both powerful and durable providing outstanding performance in challenging environments and situations.



### Features

- 5" High-resolution touch screen
- Cortex ARM 1.3Ghz quad-core processor
- 10-hour, continuous use battery life
- Dual-frequency seamless roaming
- Wi-Fi, GPS, Bluetooth, RFID
- 1D/2D Barcode scanner
- Gravity/Light Sensor
- Gyroscope
- IP65 rating
- Rubberized and strengthened casing
- Ergonomic design
- Usable with thick gloves



### Applications

- Government/Military
- Manufacturing
- Law Enforcement
- FieldService/Utilities
- Transportation
- Construction
- Warehousing and logistics

## Specification

System	
CPU	Cortex ARM A7, 1.3GHz Quad-core
RAM + ROM	2GB LPDDR3 RAM + 16GB EMMC ROM
Expansion	Supports up to 32 GB Micro SD card
OS Supported	Android 5.1
Physical Characteristics	
Dimensions	147mm x 78mm x 18mm
Weight	233g/8.22oz
Display	5.0 inch high-resolution (1280*720) Corning Gorilla Glass
Touch Screen	5-point touch panel
Battery	Li-ion, rechargeable, 4000mAh
Expansion Slots	Micro SD Card, 2GB – 32GB
USB	USB 2.0, OTG
Audio	Speaker, microphone; 3.5mm Jack
Camera	8MP autofocus rear camera with LED Light
Communication	
WWAN	<b>4G Dual Sim. GSM:</b> 850/900/1800/1900 <b>WCDMA:</b> B1/B2/B5/B8 <b>TDSDMA:</b> B34/B39 <b>LTE-TTD:</b> B38/B39/B40 <b>LTE-FDD:</b> B1/B3/B7/B8/B20/B38/B39/B40
WIFI	802.11a/b/g/n 2.4GHz + 5GHz seamless roaming.
Bluetooth	Bluetooth 4.0, BLE
RFID	UHF RFID (optional)
GPS	GPS/AGPS
Environment	
Sealing	IP65
Barcode	
Scan Engine	Honeywell 2D Scanner (optional)
NFC	
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chipset	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4cm

