

ST455CL-MD Medical Smartphone

Powerful, Rugged, Mobile Communication for medical and healthcare environments



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

- Hospital
- Clinic
- Care Homes
- GP Surgeries
- Community Care
- Veterinarians



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	4G Dual Sim. GSM: 850/900/1800/1900 WCDMA: B1/B2/B5/B8 TDSMA: B34/B39 LTE-TTD: B38/B39/B40 LTE-FDD: 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	
Infection Protection	Anti-microbial coating
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