

Speed is Power  
**M3 MOBILE**

# UL20 Series

android  
enterprise  
recommended

GMS  
Certified



## Durable, Frost-Free Product

**X** LTE Available

**F** Auto Defogging Tech with A.I. sensor

**W** Support WiFi-Only Products



Trigger Handle



Wire Plate



Cradle



Vehicle Cradle



Long-Range (max. 21.4m)  
Angled (25°) Scan



Fast-Charging  
Hot Swap Battery (6,700mAh)



IP67 Sealing  
(Dust/Water/2.0m-Drop Proof)



5-Inch FHD LCD & Selective Touch  
(Glove Touch / Wet Touch / Finger Touch)



Keypad  
(28/35/53 Keys + Function Keys)



Octa-Core CPU



# Specification

	UL20X	UL20W	UL20F
<b>DIMENSION (W x H x D)</b>	88.7 mm x 244.75 mm x 46.19 mm		
<b>WEIGHT</b>	530g (2D Scanner), 580g (Long-range Scanner)		
<b>DISPLAY</b>	5-inch FHD (Full High Definition) (1920X1080) Outdoor view-able, Frost-free (UL20F)		
<b>TOUCH</b>	Corning Gorilla Glass / Capacitive multi-touch / Glove, Wet, Stylus		
<b>BATTERY</b>	Li-ion 3.6 V 6,700 mAh, designed for high-performance in low temperatures (UL20F)		
<b>POWER MANAGEMENT</b>	Fast Charging / Battery Hot Swap		
<b>SIM / SAM</b>	2SIM	N/A	
<b>PHYSICAL KEYS</b>	35-Key Alpha Numeric+Function key pad and 6 Side key, (Optional) 28-Key, 53-Key		
<b>PROCESSOR</b>	2.2 GHz Octa-core processor	2.0 GHz Octa-core processor	2.2 GHz Octa-core processor
<b>OS</b>	Android 8.1 & 9.0 GMS		
<b>MEMORY</b>	4GB RAM, 32GB ROM	2GB RAM, 16GB ROM	4GB RAM, 32GB ROM
<b>INTERFACE</b>	USB 2.0 Client (C type), USB 2.0 Host (A type)		
<b>SENSOR</b>	Accelerometer, Gyro, Ambient light, Proximity, E-compass, Magnetic		
<b>WWAN</b>	GSM : B3, B5, B8 WCDMA : B1, B5, B8 TDD-LTE : B38, B40, B41 FDD-LTE : B1, B3, B5, B7, B8, B20	N/A	
<b>WLAN</b>	IEEE 802.11 a / b / g / n / ac 2.4 & 5 GHz		
<b>BLUETOOTH</b>	Bluetooth v4.1 LE Class II		
<b>GPS</b>	A-GPS, GLONASS, Beidou, Galileo		N/A
<b>SCANNER</b>	2D Imager Long-range (SE4850)		
<b>CAMERA</b>	16.0 MP (REAR) LED Flash		
<b>RFID</b>	NFC (13.56MHz) Peer-to-peer, card reader, card emulation ISO 14443 A / B, ISO 15693		
<b>TEMPERATURE</b>	Operating -20 °C to 60 °C (-4 °F to 140 °F) Storage -30 °C to 80 °C (-22 °F to 176 °F)		Operating -30 °C to 60 °C (-22 °F to 140 °F) Storage -40 °C to 80 °C (-40 °F to 176 °F)
<b>HUMIDITY</b>	0% to 95% non-condensing		Condensing (Condensation-free using internal heaters)
<b>DROP TEST</b>	2.0M		
<b>IP RATING</b>	IP67		
<b>HEATER</b>	N/A		Scanning window heater, LCD Heater