



Conquest S19

Intrinsically Safe



Android



4G



WiFi



Bluetooth



NFC



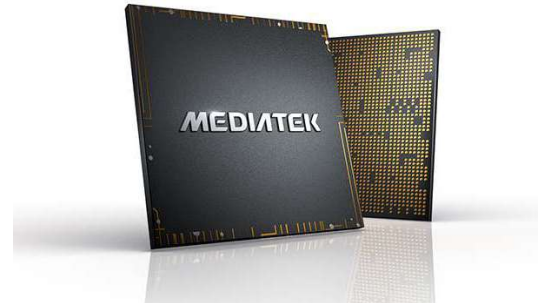
Camera



GPS



IP68



Ex Technik provides intrinsically safe devices for the world's most hazardous locations in oil, gas, chemical, mining, pharmaceutical, public safety, utilities and other industries with explosive environments. Ex Technik's intrinsically safe Android phone brings real-time connectivity to all personnel in hazardous locations, helping them to harness the power of data to optimize efficiency, safety and productivity.

Harsh environments are no longer a reason to not take advantage of the latest digital workflow tools. The Conquest S19 is MIL-STD-810G and IP68-certified, so it's tough enough to withstand drops, shocks and outdoor environments. It's ideal for industries like Mining and the Petrochemical industry. Conduct crucial on-premises analysis, update work orders, count inventory, and file field reports complete with photos and videos, all with an intuitive interface on a reliable device.

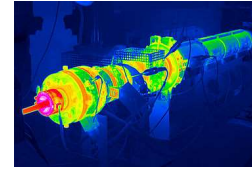
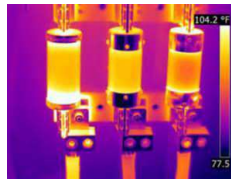
Thermal Imaging



Barcode scanner



Specification



Physical Characteristics

Dimensions	178 x 78.8 x 18.8 mm mm
Weight	420g
Display	5.7" 1080x2160 IPS LCD 18:9
Touch Panel	Corning Gorilla Glass 5, multi-touch Capacitive screen
Power	Main battery: Li-ion, rechargeable, 9000mAh 3 Charging Modes - Type C, Magnetic Docking and Magnetic cable Stand By 900h
Expansion Slot	2 slot for Nano SIM card, 1 slot for TF card up to 2tb
Interfaces	USB3.0 Type-C, OTG
Audio	4pins Pogo Pin, 3.5mm headphone port
Keypad	2 Volume keys, 1 power key, PPT,Function, Fingerprint ID, Face ID
Sensors	Accelerometer / Gyroscope / Compass/Altitude Ambient light sensor / Proximity sensor/IR remote

Performance

CPU	Mediatek Helio P35 MT6765, Octa Core, 2.3GHz
RAM+ROM	4GB+64GB Expansion Supports up to 2TB Micro SD card
OS	Android 8.1/ Android 11 END 2021 with GMS

User Environment

Operating Temp.	-35°C to 70°C
Storage Temp.	-20°C to 60°C
Humidity	5%RH - 95%RH

Certification

Drop Specification	MIL-STD 810H (1.8m drop)
Sealing	IP68/IP69k(SGS)
EX Rating	Ex ia I Ma / Ex ia IIC T4 Ga / Ex tb IIIC T35°C Db (TBA)

Communication

WLAN	IEEE802.11 a/b/g/n/ac 2.4Ghz & 5.8Ghz, Hotspot
UHF Intercom(optional)	2W DMR U/V3550SMA (400-470Mhz)/VHF (140-170Mhz)



WWAN*

2G:	GSM B8/B3/B2/B5
3G:	TD-SCDMA B34/B39 WCDMA B1/B2/B5/B8, C2K:BC0/BC1
4G:	TDD-LTE B34/B38/B39/B40/B41
4G:	FDD-LTE B1/2/3/4/5/7/8/12/17/19/20/28A
4G:	FDD-LTE 28B/18/25/26/66/13
	Support VoLTE

Bluetooth

Bluetooth 5.0, BLE

GNSS

GPS/BEIDOU/GLONASS/Galileo/A-GPS

Camera

Thermal	Thermal Imager
Rear Camera	48 MP F/1.6 auto focus and flash
Front Camera	13 MP F/1.8 auto focus and flash

RFID

HF	13.56MHz ISO15693 ISO1443A/B
LF	125Khz /134.2KHz
Microwave	2.45GHz/5.8GHz (10-2000m) RF Distance

Barcode Scanning

2D	Honeywell
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User Manual



Power Charger



Waist Clip



Hand Strap



Magnetic Cable



USB-C Cable



Dock Charger



Cover Opener

Optional Accessories



DMR Antenna



RFID Tag

**Images are for illustrative purposes only

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