CONQUEST®

DATASHEET

S16

ATEX ZONE 1/21 Android Smartphone



The CONQUEST S16 brings great specification into the harsh environments. Ruggedized and industrial design, the intrinsically safe S16 guarantees safety and reliability.Our devices can be used in hazardous areas plants, gas stations, Oil&Gas construction sites, pharmaceutical factories, etc.

Android | 4G | WiFi | Bluetooth | IP68 Waterproof | NFC | Camera | GPS | Quick Charge



Technical data

Display	6.3 Inch IPS 402 ppi FHD 1080*2280 Corning Gorilla Glass
Battery	6000mAh
Weight	308g(0.67lb)
Size	170×81×14.9mm (6.69×3.18×0.58 inch)
CPU	MideaTek MT6779VCE P90 Octa-Core 2.2GHz
Memory Storage	128G/256G
Storage Expansion	2 TB
Operating System	Android 9.0
Google service	Access Google apps and Google Play
Rear Camera	48MP Main camera (f/1.8) 1080P recording 16MP Wide angle 117°(f/2.2) 5MP Telephoto 10X Zoom in (f/2.2)
Front Camera	16MP 1080P recording
Sim Card	Dual Nano Sim
WIFI	Wifi 5.0 (2.4/5GHz)
Bluetooth	Bluetooth 5.0
GPS	GPS, Beidou, GLONASS, Galileo
Bands	GSM/WCDMA/TD-SCDMA/ TDD-LTE/FDD-LTE GSM:B8/B3/B2/B5 CDMA:BC0/BC1/BC10 WCDMA:1/2/4/5/8 /6 TD-SCDMA:34/39 TDD-LTE:34/38/39/40/41(HPUE-Power Class 2,120M:2535-2655MHz) FDD-LTE:1/2/3/4/5/7/8/12/17/19/20 /28A/28B/18/25/26/66/13
NFC	Yes
Standby Time	700H
Charging Time	2H (PE+QC 9V/2A)

Water resistance	IP68 (SGS)
Touch Lens	10 Point,incell
Vibrator	¢ 8.0 Wire bonding
Speaker	S1318 1.3W >100db
Microphone	Double Noise Reduction Mic
Charger Jack	Type-C
I/O Connector	Type-C to 3.5mm Jack
Wireless Charging	10W
Sensor	Gravity sensor, Light Sensor, Proximity sensor, Magnetometer, Vibration motor
Operating Temp	-4°F to 122°F / -20°C to 50°C
External Buttons	Power Button Volume+/Volume- Button PTT Button Camera Button AI Button Fn Button

Explosion protection

ATEX Zone 1 / 21

Marking	Ex II 2G Ex ib IIC T4 Gb II 2D Ex iD 21 T130°C Db
Protection class	IP68
Certification	ECM 21 ATEX-B QW37

Package included

Charge Dock
AC adaptor
USB Cable
Quick Guide Manual
Rugged Boot with Handstrap