RUGG-Ex

S20

ATEX ZONE 1/21 Android Smartphone

Ruggedized and industrial design, the intrinsically safe S20 not only guarantees safety and reliability, but also support 5G and Android 11 software. Our devices can be used in hazardous areas plants, gas stations, Oil&Gas construction sites, pharmaceutical factories, etc.

| Android | 5G | WiFi | Bluetooth | IP68 Waterproof | Night vision | Android 11 | GPS | Quad camera |

Technical data

Display	6.3 Inch IPS 402ppi FHD 1080*2340 Corning Gorilla Glass		**Water resistance**	IP68 (SGS)
Battery	8000mAh		**Touch Lens**	10 Point,incell
Weight	380g(0.83lb)		**Vibrator**	Linear motor
Size	170×81.6×18.4mm （6.69×3.21×0.72 inch）		**Speaker**	2035 （>120db）
CPU	MideaTek MT6873,Dimensity 800 Eight-Core 2.0GHz		**Microphone**	Dual Noise Reduction Mic
Memory Storage	128G/256G		**Charger Jack**	Type-C
Storage Expansion	2 TB		**I/O Connector**	Type-C
Operating System	Android 11		**Wireless Charging**	10W
Google service	Access Google apps and Google Play		**Sensor**	Gravity sensor, Light Sensor, Proximity sensor, Magnetometer, Vibration motor

Rear Camera	48MP Main camera (f/1.6) 1080P recording 13MP Wide Angle 20MP Night vision and 2MP Micro
Front Camera	16MP 1080P recording
Sim Card	Dual Nano Sim
WIFI	2.4G&5.8G/Hot spot(2.0)
Bluetooth	Bluetooth 5.0
GPS	GPS, AGPS, Beidou, GLONASS, Galileo
Bands	GSM/WCDMA/TD-SCDMA/TDD-LTE/ FDD-LTE GSM: B2/3/5/8 WCDMA: B1/2/4/5/6/8/19 TDS: B34/39 CDMA: BC0/BC1/BC10 TDD: B34/38/39/40/41 FDD: B1/2/3/4/5/7/8/12/13/17/18/19/20/ 25/26/28A/28B/66 5G: N1/3/5/8/20/28/38/41/77/78/79
NFC	Yes
Standby Time	900H
Charging Time	4H (9V/2A)

Operating Temp -4°F to 122°F / -20°C to 50°C

External Buttons

Power Button
Volume+/Volume- Button
PTT Button
Camera Button
Fn Button

Explosion protection

ATEX Zone 1 / 21

Marking	II 2G Ex ib IIC T5 II 2D Ex ibD 21 IIC T95°C
Protection class	IP68
Certification	ECM 21 ATEX-B DN33

Package included

AC adaptor
USB Cable
Quick Guide Manual
Wireless Charge Panel

Certificate