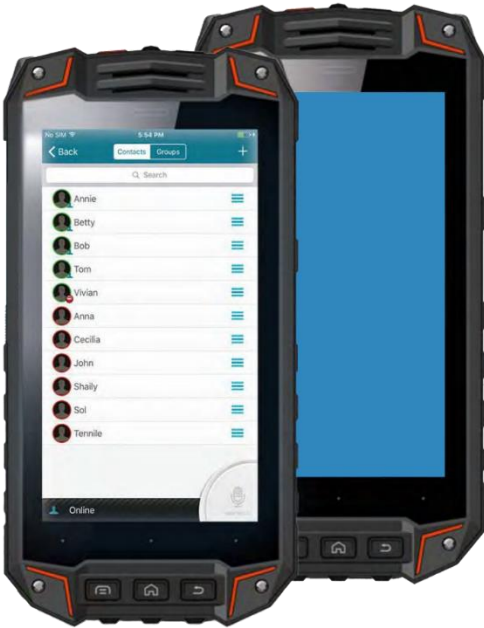


IS530.1

Intrinsically Safe Smartphone for Zone 1



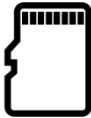
Main Features



Android 9.0
Operating system



Internal 4GB RAM /
64GB ROM



Memory micro-SD up
to 128GB



4G LTE Connectivity



Ex II 2G Ex ib IIC T4
Gb / Ex II 2D Ex IIIC
T135°C Db IP6X



3600 mAh battery
capacity



Operating temperature
-20°C to +60°C



13MP Rear Camera +
5MP Front Camera

Technical Data

General	
Certification	Refer 'Intrinsically Safe Characteristics' table for more details
Protection Class	IP68, MIL-STD 810G: Drop-Protection, Tested against Extreme, Temperatures, Barometric, Pressure, Humidity and Vibrations.
Operating Temperature	-20°C to 60°C
Core Platform/Functions	
Operating System	Android 9.0
Chipset	Qualcomm Snapdragon (SDM660 Octa-Core) Kryo Gold-Quad cores 2.2GHz, Kryo Silver-Quad cores 1.8GHz
Display	4.5" (11.43 cm) HD Gorilla Glass 3rd Generation 854 x 480 pixels (usable with gloves)
Buttons	Dedicated Power Button, Menu & Home Buttons, Back and Volume Control Buttons
Networks	GSM: 850/900/1800/1900MHz WCDMA UMTS: B1/2/4/5/8 4G / LTE-FDD: B1/2/3/4/5/7/8/12 with MFBI 13/14/17/20/25/26/28A/28B/29/30/66 4G / LTE-TDD: B38/B39/B40/B41 TD-SCDMA: B34/B39
WiFi	2.4GHz + 5GHz: IEEE 802.11a/ b/g/n/ac/e/k/r/h with 8 connection hotspots
Memory	Internal: 4GB RAM / 64GB ROM (54 GB usable) External: Memory micro-SD up to 128GB
Connectivity	
Bluetooth, SMS, MMS (text, image, audio, video)	BT 5.0 LE (backwards compatible with 4.2) Universal Lateral ISM Interface
GPS, NFC	GPS, AGPS, Glonass, BeiDou, A-Glonass, NFC (Near Field Communication)
Communication	SMS, MMS, E-Mail (POP3, IMAP, Microsoft™ Exchange)
Languages supported	Android Supported Languages
Physical	
Sensors	Location, Gyroscope, Gravity, Ambient Light, Magnetic and Proximity
Ports	Dual Micro-SIM
Camera	13MP Rear Camera with LED-Flash and Auto-Focus (AF), 5MP Front Camera
Battery	3600 mAh (3.8V, 13.68Wh) Replaceable Battery Magnetic Charging Port (with quick charge capability)
Dimensions	155 x 80 x 25 mm
Weight	325g

Intrinsically Safe Characteristics			
CSA (North America)	CSA (USA & Canada) Class I Division 1, Groups A, B, C, D, T4 Class II Division 1, Groups E, F, G, T135°C Class III Division 1		
European ATEX	ATEX (Europe) ATEX Zones 1/21 II 2G Ex ib IIC T4 Gb II 2D Ex ib IIIC T135°C Db IP6X	ATEX Mining I M1 Ex ia I Ma IP6	
Global Certification/s	INMETRO (Brazil) Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP6X	SANS Mining (South Africa) Ex ia I Ma IP64	KCs (South Korea) Ex ib IIC T4 Ex ib IIIC T135°C
	SANS (South Africa) Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP6X	JNIOOSH (Japan) Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP6X	