SmartCom Phone   RS801

EVE

EX Cell Phone

EX Digital Camera

EX Interphone

EX Safety Check Table and Pen

NFC,RFID Routing Inspection

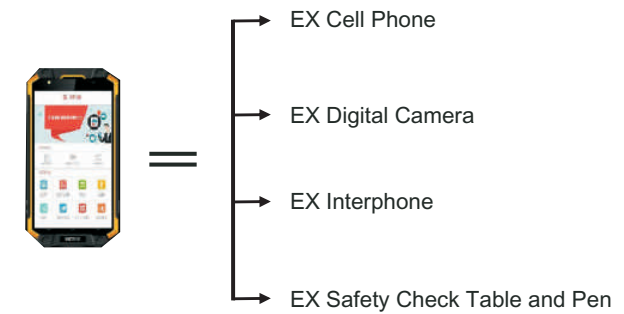Taking Photo

Mobile Monitoring

GPS Positioning and Tracking

Real-time Intercom

This SmartCom phone is a special mobile device for potentially explosive locations. It is waterproof with very light aluminium housing and nice appearance.The battery can last for more than 8 hours make it easy to use for any rugged environment.

Advantage

- Ex ib IIB T4 Gb
- Ex ib IIIC T135C db -20°C~+40°C
- Military level waterproof, dustproof and shockproof
- GPS tracking and positioning
- PTT public network intercom
- NFC routing inspection
- 4G all network link
- NFC routing inspection
- HD camera
- Extra long standby time
- Working customization key

Applications

Certification Atex	Ex ib IIB T4 Gb
	Ex ib IIIC T135C db -20°C~+40°C
HD Video conference	SIPIDO
Management Solution	Collaboration Suite
Browser	HTML5 with full range of features
Document display	Office Documents and PDF documents
Operating temperature	-20 °C to +45 °C
Storage temperature	-40 °C to +60 °C

Video and imaging

Video quality	Full HD video (1080p, 30 fps)
Resolution	5M+13M
Video codecs	H.264/AVC
Memory	64 GB

Audio

Headset	Handsfree support
Wireless headset	Bluetooth audio headset support
Handsfree	Integrated mic and speaker
Sound quality	Echo cancellation
Audio out	Standard 3.5 mm connection

Robust design

Impact	Impact-resistant to 2 joules
Drop	Drop-resistant to 1.5 metres
Protection class	Waterproof (IP 68)
Enclosure	Made from one piece of aluminium
Connections	Covered USB port
Screen	1.1 mm Gorilla Glass

Sensors

Orientation	3 axis gyroscope
Positioning	Global Positioning System (GPS)
Acceleration	3D Accellerometer
Navigation	Compass
Temperature	N/A
Pressure	N/A

Power supply

Battery	8000 mAh
Talk time	8 h
Video recording	4 h full operating time

Ergonomics

Touchscreen	Not Suitable for use when wearing gloves moisture resistant
Shape factor	User-friendly due to ergonomic design
Fall protection	Strap for ergonomic operation

Size and weight

Size	168 mm x 86 mm x 15.9 mm
Weight	340 g
Screen size	5.5" FHD
Resolution	1080 x 1920 pixels
Brightness	Display can be read in direct sunlight
Touchscreen	Not Suitable for use when wearing gloves
Glass	Gorilla Glass (IP 68)
Buttons	On/Of, Volume, Camera

Scope of delivery

Charger	USB
Warranty	1 year hardware warranty
User Manual	Quick guide
USB cable	USB cable for charging and data transfer
Software updates	Available using Collaborate Suite or Fota
Packaging	With customised foam inlays

Network functions

Wi-Fi	802.11 a/b/g/n (2.4 GHz & 5 GHz)
Cellular	4G/HSPA+ (CDMA available)
Bluetooth	Bluetooth 4.0
Bandwidth	Dynamic Bandwidth Control
Operating system	Android 7.0

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