A13

Explosion-proof intelligent terminal

Ex ib IIC T4 Gb

Android 12	4G	Octa Core	4+64GB	5.45inch	NFC	WIFI	POC Public network intercom	IP68 protection

● **Dual stereo, loud enough, with a maximum loudness of 100dB**
Rear dual 1216 ultra-linear speakers, 1.6cc super sound cavity, 7 magnet sound generating units, up to 0.85mm amplitude, shocking sound quality for you, 100 decibel loudness, breaking noise, helping smooth communication in noisy environment!

● **Light and thin, unlike the three-proof mobile phone**
Exquisite internal structure design breaks the bottleneck of the three-proof mobile phone. The thickness of 14.6mm reflects the charm of light and elegant.

● **The Octa Core processor is powerful**
As the core of the mobile phone, the Helio P22 processor of MediaTek is adopted. The 8-core CPU has a dominant frequency of 2.0 GHz. The core to core ratio is doubled and the performance is improved by 21%. No matter the information processing and application operation are excellent, there is no need to worry about any delay.

● **IP68 grade, military quality**
Tested by strict MIL-STD-810G military protection standard, it is dustproof, waterproof, shockproof, and can withstand high temperature and high pressure steam cleaning. It has IP68 certification and IP69K certification.

● **Customizable explosion-proof.**
Intrinsically safe explosion proof (Ex ib IIC T4 Gb), coal safety explosion-proof, mining explosion-proof. Use environment: combustible gas, dust environment, pharmaceutical, oil refining, petrochemical plant, gas station, filling station, etc.
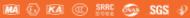
Explosion-proof applications

(1) Petroleum and petrochemical industry (2) Chemical plant (3) Pharmaceutical (4) Natural gas (5) Mining industry (6) Gas station

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Physical parameters

Standards	IP68 (MIL-STD-810G)
IP68/IP69KProtection	waterproof,shockproof,dust-proof
Appearance	bar
Color	Black+vermilion color
Weight	256g
Size(L*W*H)	158 .2*76 .7*14 .6mm

Performance Parameters

CPU	MT6762 VWB Octa Core 2 .2GHz
RAM+ROM	4GB+64GB
Extended TF card	Maximum support is 512GB
Operate System	Android 12

Screen Parameters

Screen size	HD+ 5.45 inch
Resolution	720*1440
Touch Screen	Capacitive screen, 5-point touch, supporting gloves
Screen material	IPS high-definition hard screen

Camera

Rear camera	2000W+30W
Front camera	500W
Flashligh	2 high-definition flash lamps

Date network

Network mode	GSM ,WCDMA , FDD- LTE
Network frequency band	GSM ： B2/3/5/8 WCDMA ： B1/2/4/5/8 FDD- LTE ： B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28A/28B
Card slot type	Nano SIM, Nano SIM, T- Flash
Bluetooth	Bluetooth 5 .0
WIFI	802.11 a/ac/b/g/n, 2 .4/5GHzDual frequency
NFC	13 .56MHZ,ISO15693 、 ISO1443A/B
GPS	GPS/ GLONASS/ b e i d o u / Gelileo
OTG	Support
Sensor	Distance sensor, light sensor, acceleration sensor, geomagnetic sensor

Specification

Public network intercom	Global POC public network intercom, no distance intercom, can be fast and convenient communication (single call, group call, group call, broadcast, one call)
Entity keys	Left custom key
Loudspeaker	1216 double waterproof horn BOX
Headphone	1206 waterproof earphone
Microphone	Call noise reduction (dual silicon microphone)

Battery

USB	Type-c USB 2.0
Wireless charging	Support (optional)
Battery	5180mAh Lithium ion polymer battery (built-in battery)
Work Temperature	-20℃~+60℃

Explosion proof Information

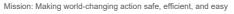|	
product name	Explosion-proof intelligent terminal
product model	A13
ex-proof sign	Ex ib I Mb / Ex ib IIC T4 Gb / Ex ibD 21 T130℃
battery	5180mAh
Protection grade	IP68
Notes	1) forbidden to charge and copy data in explosive dangerous places! 2) It is strictly prohibited to charge the original safety type lithium battery in the explosion dangerous environment! 3) It is strictly prohibited to use the basic safety type explosion-proof batteries with non-professional accessories in the explosion dangerous environment! 4)Do not remove the equipment in the explosion dangerous environment! 5)It is strictly prohibited to use any external equipment not provided by the company in the explosion dangerous environment!

ShenZhen AORO Communication Equipment Co ., Ltd .

AORO: "Dangerous, Urgent, Special" scenario smart device and solution service provider
Vision: "Intelligence" in AORO
Mission: Making world-changing action safe, efficient, and easy
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