HARDING MARINE SERVICES

PoseidonGROUP

Intrinsically Safe (ATEX) Smartphones

ZONE 2

Work safely, even in the toughest environments

The **Ex M8** is a **5G Explosion-Proof smartphone** designed for professionals operating in hazardous environments such as oil & gas, chemical plants, energy production, and industrial zones.

ATEX Certified Safety & Rugged Design

It comes with fingerprint recognition, **NFC, RTK, RFID, and a 1D/2D scanner (se 4710)**, while providing a secure and efficient operation under challenging conditions.

5G Network

Android 13 GMS

6.58 Inch

8GB+256GB

2D Barcode Scanner

ATEX & IECEx Certification

Core Platform

Product Features	Ex M8 Intrinsic Safety Smartphone
Operating System	Android 13 GMS
Chipset	MT6833 Octa Core @2.2GHz64bit 5GChipset
Network Band	GSM/GPRS: B2/3/5 WCDMA: B2/4/5 LTE: B2/ 4/ 5/ 7/ 12/ 17/ 41/48 5GNR:N2/4/5/7/12/17/25/28/ 40/41/48/77/78
LTE service	5G Network
Memory	8GB+256GB TF Card UP to 2TB
WiFi	wifi 802.11 a/b/g/n/ac 2.4G/5.8

Display

Display Size	6.583inch IPS FHD (1080*2408)
Resolution	FHD+ 2408*1080Pix
Tourch	Multi-touch support Gloved hand/Wet finger operation

Connectivity

Bluetooth	BT5.1 with BLE
SIM Card	Nano SIM/Micro SIM,T-Flash card
GPS	GPS, GLONASS, BeiDou
Sensor	G-sensor,Proximity Sensor, Gyro/E- compass, Barometric sensor
FM Radio	Support
NFC	Support 13.56mhz

Multimedia

Front camera	32MP Camera
Rear camera	Rear 64MP Main Camera 2MP Micro &13MP Night Vision (1 of 2), 5MP Thermal imaging (Optional)
FM Radio	Support
Video	64MP @ 30fps
Speaker	Size 3040 box waterproof, dual front-facing loud speakers, output 100dB+(power 2W)
Mic	2 Mic solution with noise cancellation

Physical Characteristics

Size	183.1*83.2*23mm
Weight	475g
Color	Black color
Dedicated Keys	Power On/Off. PTT Key, POC Key Programmable Key, Volume Keys.
Ports	5G Network

Battery

Capacity	8800mAh Ex proof Removable battery
Charging	Type-C USB 2.0
Working time	24-30hrs
Standy time	800-1000hrs
PTT	Support POC solution
OTG	Support

Environment

Working Temperature	-20 °C ≤ Ta ≤ +55 °C
Storage Temperature	-40 °C ≤ Ta ≤ +70 °C
Protection Rating	SGS IP68 & Military MIL-STD-810G

Inbox Accessories

Wall Charger, USB-C Cable, Desktop charger, Certification paper

Optional

2D Barcode Engie	SE 4710/Optional