

# mPhone

The mPhone by Sybet International is a specialised digital radiotelephone designed for wireless voice communication in underground mines and hazardous environments. Utilizing a proprietary radio mesh network, it supports rescue operations and integrates into Wireless Rescue Operations Communication Systems (ROCS).

The mPhone is engineered for rugged use, with explosion-proof construction and advanced safety features for personnel tracking and emergency response.



## Technical specification

For a detailed overview of the product's capabilities, please see the key features listed below. These highlights will provide you with a comprehensive understanding of the advanced functionalities and benefits that our product offers.

### SPECIFICATION

FEATURE	DESCRIPTION
Device Type	Digital radiotelephone for underground wireless mesh networks
Application	Underground mining, hazardous environments, rescue operations
Display	LCD
Keypad	Sixteen-key
Speaker/PTT	High-quality speaker, side PTT button
Microphone	Throat microphone (laryngophone) compatible
Connectivity	Proprietary ISM band mesh radio
Safety	Explosion-proof, motion/position sensors, S.O.S. button, alarms Intrinsically safe; ATEX and MASC certified
Battery	Rechargeable, up to 2000 cycles
Special Functions	Device seeking, remote siren, remote alarm trigger
System Integration	Works with Fresh Air Base Station, Sybet ROCS infrastructure