

TRAMIGO

TRACKING & CONNECTIVITY



COMPLETE SOLUTION

MCPTT-1 Ex

INTRINSICALLY SAFE PUSH-TO-TALK
OVER CELLULAR SOLUTION



LOUD AND CLEAR
AUDIO



EXCEL IN HARSH
ENVIRONMENTS



SECURE
CONVERSATIONS



EASY TEAM
MANAGEMENT



EXTENDED
TALK RANGE

TRAMIGO MCPTT-1 Ex

FOR HAZARDOUS INDUSTRIAL OPERATIONS

The Tramigo MCPTT-1 Ex is an intrinsically safe Push-to-Talk over Cellular device designed for hazardous environments such as oil & gas facilities, chemical plants, and fuel depots. With a rugged, military-grade design that resists dust, water, and impact, it ensures reliable performance in demanding field operations. ATEX Zone 2 certified, the device supports safe communication in explosive-risk areas, while multi-network connectivity keeps teams connected by switching to the strongest available signal.



KEY BENEFITS



Crystal-clear communication in
loud industrial environments



Instant one-to-one and
group communication



End-to-end AES-256
encrypted communication



Accurate GPS tracking
with multi-GNSS location



Global 4G LTE connectivity with fallback
(2G, 3G) and smart network selection



Nationwide and regional coverage



Removable, anti-explosion
battery with long battery life



ATEX Zone 2 certified for
hazardous environments



Built for harsh conditions - waterproof, dust-proof, and resistant to shock,
vibration, and extreme temperatures

+358 50 475 46 06

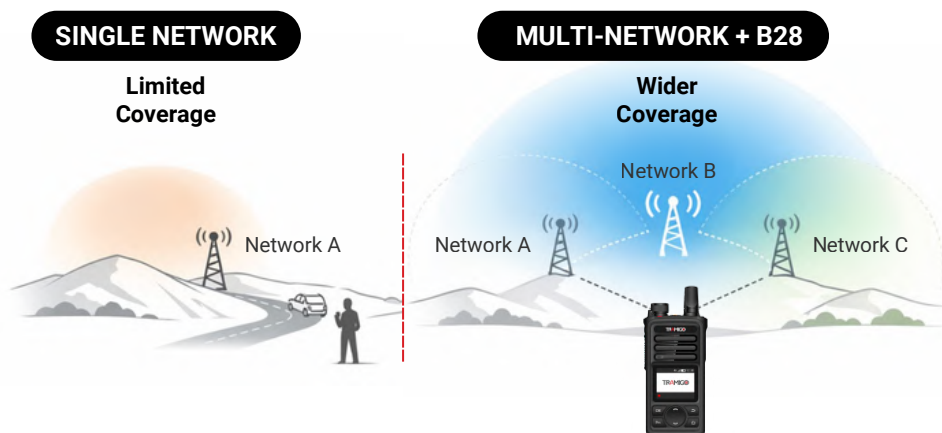
tramigo.com

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WIDER REACH. SMARTER CONNECTION.

The MCPTT-1 Ex utilizes **eSIM multi-network connectivity** to maintain communication across changing environments.

Unlike single-network devices, it automatically selects the best available network, ensuring reliable performance across regions, sites, and field conditions.

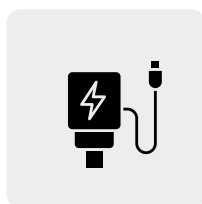


MCPTT-1 EX ACCESSORIES & TECHNICAL DATA

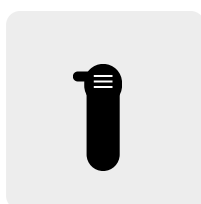
STANDARD ACCESSORIES



Battery



Charger with USB-C cable



Belt Clip

117 mm



60 mm

29.2 mm

HARDWARE	
Dimension	117 × 60 × 29.2 mm
CPU	MTK8765m GPU 1.5 GHz
Memory	RAM + ROM: 512 + 4GB (Optional 1/8GB)
Display	1.77" TFT, 128 × 160, No Touch Screen
Speaker	3W - Smart Noise Reduction
Battery	4800 mAh Removable
Interface	3.5mm PTT Earphone
USB port	USB Type-C
Sensor	Acceleration sensor, Light sensor
SOFTWARE	
OS	Android 8.1 GO OS

CONNECTIVITY	
Wi-Fi	802.11 a/b/g/n - 2.4G & 5.0G
Bluetooth	BT 4.2
NFC	Optional
GNSS	GPS / BEIDOU / GLONASS / AGPS
Frequency Band	2G: GSM B2/3/5/8 3G: WCDMA: B1/2/5/8 FDD: B1/3/5/7/8/20/26/28a&b TDD: B34/38/39/40/41
PHYSICAL & ENVIRONMENTAL	
Working temp	-20°C ~ +60°C
Storage temp	-30°C ~ +70°C
Protection	IP68 & MIL-STD-810G
Special	RTK Position, anti-explosion battery
IS Standard	II 2 G Ex ib IIC T4 Gb IP68 II 2 D Ex tb IIIC T120°C Db IP68