

TD-G728A

The TD-G728A is part of the PTT Nationwide Group Communications Solution that enables Push-to-Talk over Cellular using Wi-Fi and the existing 3G/4G/LTE infrastructure of Mobile Network Operators. The PTT Dispatch is the powerful interface to efficient group communications and location tracking.



FEATURES



2G/3G/4G Cellular Network



1.77 inches LCD display

LCD display provides high-resolution visibility even under bright day light. Supports an easy-to-use GUI menu system with clean and simple navigation



GPS Position

GPS enables real-time tracking and positioning for the PTT Dispatch application



Emergency alarms and calling(SOS)

Emergency Alarms can be sent to other radios via the one touch programmable button

It can improve worker safety and emergency response time



WiFi connectivity

Built-in Wi-Fi supports in-building communications with seamless switching to 4G/ 3G cellular networks when out side Wi-Fi range.



Dual SIM Slots

Support insert Micro SIM



NFC function (Optional)

If your PTT application system has built-in NFC patrol function, then you can set up NFC tag checkpoints, guards, events, etc on your Push to Talk system. Security guards can then use the TD-G728A radio to realized NFC patrol function by reading your unique NFC tag registered at the checkpoint. And you can check the security tasks, location, etc on the push to talk system.



Multi-Language support

Audio voice prompt support English, Spanish, French, German, Italian. Menu language support in various languages, such as French, Spanish, Turkish and so on.



RAM+ROM

1+8GB large memory storage



Bluetooth 4.2

Built-in Bluetooth



Group/Individual call

Call call or Individual call depend on the PTT app whether support.



Total Screen-Screen projection Tool

Project device screen onto PC computer screen where you can use mouse and key-board to control up to setting the radio device.



Cell Phone Calls (Optional)

You can make cell phone call on the radio, enable or disable this function via radio software.



Test messaging (Optional)

Receive and send SMS Text messages, enable or disable this function via radio software.



High Quality Audio

Provides high-quality digital audio performance for individual calls, group calls, and emergency calls



Reliable & Durable

IP54rated for water and dust resistance



Stun and Revive

(Depends on if your platform support this function or not)
Dispatcher can remotely stun (disable)or revive (return to service) if the radio is lost or stolen



Machine Button Definition



Accessories

Standard Accessories :



Optional Accessories :



Technical Sheet

TD-G728A PoC Radio	
System	Android 7.1 (System Firmware Upgrade via Type-C)
Platform	Comlins / Zello / Walkiefleet / Real PTT / POC Star / Multi Platform APP
Network Version A	LTE FDD : B1/B3/B5/B8 LTE TDD : B38/B39/B40/B41 TD-SCDMA : B34/B39 EVDO/CDMA : BC0 WCDMA : B1/B8 GSM : 900/1800MHz
Network Version B	LTE FDD : B1/B3/B5/B7/B8/B20 LTE TDD : B38/B40/B41 WCDMA : B1/B5/B8 GSM : 850/900/1800/1900MHz
Network Version C	LTE FDD : B2/B4/B5/B7/B12/B13/B25/B26 WCDMA : B1/B2/B4/B5/B8 GSM : 850/1900MHz
Network Version D	LTE FDD : B1/B3/B5/B7/B8/B28 LTE TDD : B40 WCDMA : B1/B2/B5/B8 GSM : 850/900/1800/1900MHz
Network Version E	LTE FDD : B1/B2/B3/B5/B7/B8/B20/B28A LTE TDD : B38/B41 WCDMA : B1/B2/B5/B8 GSM : 850/900/1800/1900MHz
Module	Quectel SC20-CE/SC20-E/SC20-A/SC20-AU/SC20-EU
Chipset	Qualcomm MSM8909
WLAN	A Network Version: 2.4G/5G, 802.11 a/b/g/n B/C/D/E Network Version: 2.4G/5G, 802.11 a/b/g/n
Bluetooth	BT2.1+EDR/3.0/4.1/4.2LE
Positioning System	GPS/GLONASS/BeiDou
LTE	LTE FDD: Max 150Mbps (DL)/Max 50Mbps (UL) LTE TDD: Max 130Mbps (DL)/Max 35Mbps (UL)
UMTS	DC-HSDPA: Max 42Mbps (DL) HSUPA: Max 5.76Mbps (UL) WCDMA: Max 384Kbps (DL/UL)
Ports	Type-C / 3.5mm Audio Jack / USB Charger Interface
Memory	RAM: 1GB / ROM: 8GB
Battery	4000mAh (Li-ion)
Dust and Water Proof	IP54
Audio Power Output	2W
Dimensions	115*59*35mm (Without Antenna)
Weight	230g (With Battery and Antenna)
Operating Voltage	3.5V~4.2V, 3.8V Typical Value

Application Scenarios

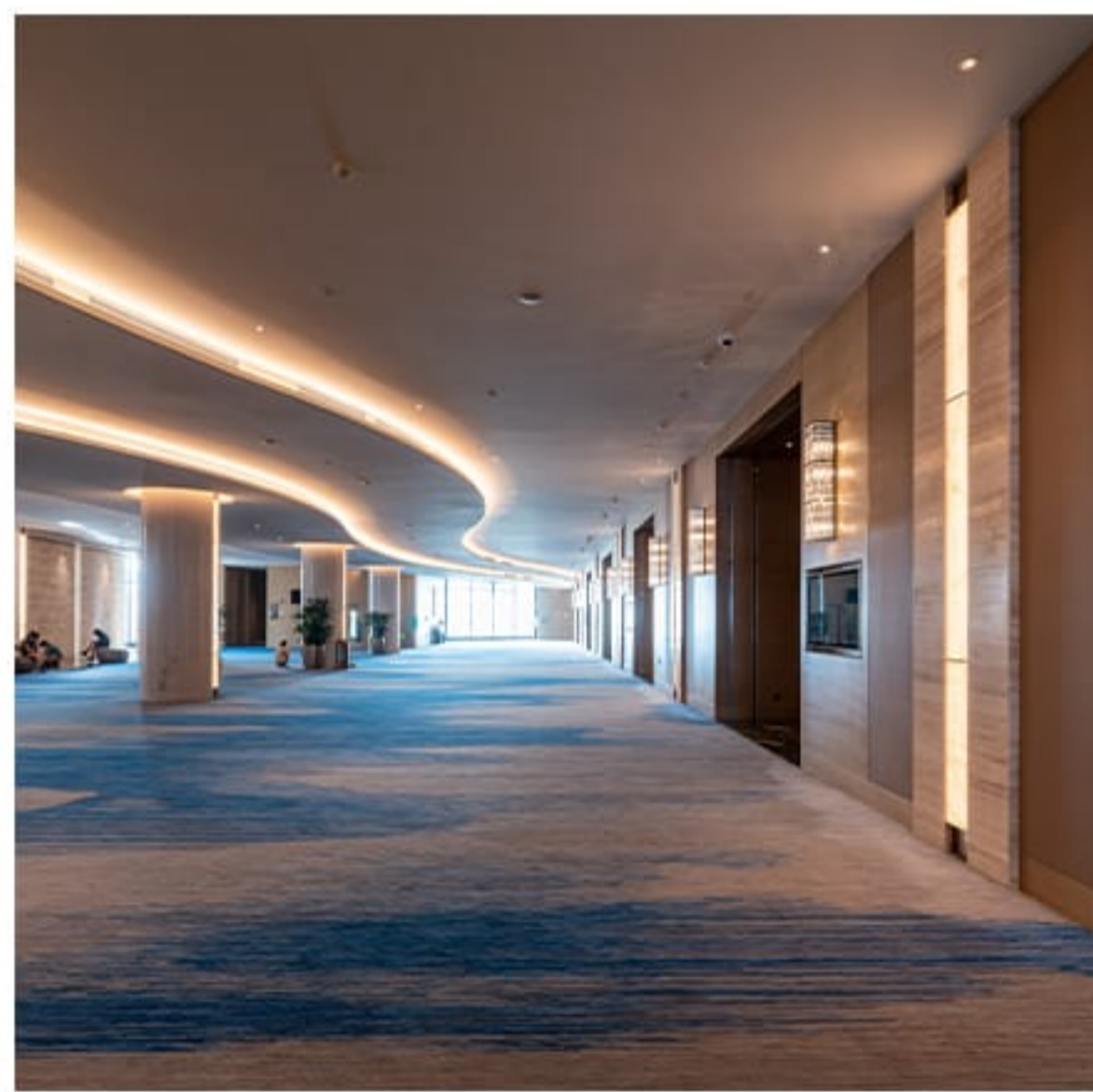
POC radio installed the PTT application to use in various industries. It takes advantage of the wide coverage of mobile 3G/4G cellular signals to make chain management more convenient; the perfect technology can effectively solve various problems and make communication between long distance; good hardware configuration, complete smart accessories, bring a better experience of usage.



Transportation and Logistics



Multi-site Work



Public Safety



Emergency Situation Command



Safety and Security



Festivals and Events



Private Ambulance



Property Management



Fleet Management



Business Service

TID Solution

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