

TDTECH

Professional Broadband Trunking Terminal EP682



The EP682 runs on the Android 6.0 operating system. It is powered by a Kirin octa-core CPU, and sported with a front-facing 8 MP front camera, and a 13 MP HD rear camera. It features a public and enterprise network convergence design and supports a wide array of public network and enterprise network frequency bands. It is IP68 capable. These features make it an ideal choice for public security, energy,and transportation industries, providing professional trunking dispatching, multimedia dispatching, and broadband data access functions.

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Product Details

Lightweight design,Rich configuration

- Compact and portable, digital keyboard design, easy to operate
- Physical Push-To-Talk (PTT) key, emergency call key, and multipurpose key enable convenient broadband trunking services
- Kirin octa-core CPU, 8 MP front camera, and 13 MP HD rear camera
- 2.0-inch QVGA pixel support,strong and endurable,good anti-impact performance
- Replaceable 3,540 mAh battery with a standby time longer than 72 hours
- Dual-SIM card design to facilitate collaboration between public and enterprise networks

Multimedia Dispatching,excellent performance

- Supporting point-to-point calls, group calls,SMS and MMS messages, video backhaul, and mobile office
- Group call setup delay less than 300ms,call preemption delay less than 150ms
- Supporting 1080P25fps HD video uploading,scheduling,and distribution
- Compatible with digital/analog DMO, meeting communication requirements anytime and anywhere

Secure and reliable

- Bidirectional authentication, air interface encryption,remote enabling and disabling,and E2E service encryption
- IP68 high protection level, can be immersed in 1 m underwater for 30 minutes
- Professional anti-drop design, complying with the MIL-STD 810Gstandard

Specifications

Item	Specification
RF Specifications	
Enterprise network operating bands	400M: 380~410MHz 1.4G: 1447~1467MHz 1.8G: 1785~1805MHz Others:Band 20/26/28
Public Network operating Bands	GSM: 900/1800/1900 UMTS:B1/B2/B8 LTE: Band 1/2/3/4/5/7/8/20/26/28/38/39/40/41
Operating Bandwidth	400M: 3MHz/5MHz/10MHz/20MHz 1.4G: 5MHz/10MHz/20MHz 1.8G: 5MHz/10MHz/15MHz/20MHz Others meet with 3GPP 36.101's requirements.
DMO OperationBands	380~470MHz
Hardware Specification	
Processor	Kirin octa-core CPU
Display	2 inch,240x320 Screen resolution
Internal Storage	2GB RAM+16GB FLASH
External Storage	MicroSD, Max.32G
Rear Camera	13-megapixel
Front Camera	8-megapixel
Battery Capacity	3540mAH
Speaker Power	2.5W(Max)
Positioning	GPS,BeiDou, GLONASS
Wi-Fi	2.4Gand 5Gsupported,IEEE802.11b/g/n
Bluetooth	4.0 EDR
External Ports	HDMI
SIM Card	Support hardware SIM card (dual slots, Micro-SIM)
Physical Specifications	
Dimensions (H x W x D)	139 mm x 59 mm x 30 mm
Weight	Less than 312g (antenna and battery included)
IPRating	IP68,1.2-meter drop resistant design, MIL-STD-810G-compliant
Working Temperature	-20°C ~+55°C
Saving Temperature	phone body: -40°C to +85°C battery in a month: -20°C to +45°C battery in three months: -20°C to +25°C
Humidity	Relative Humidity: 5% to 95% (non-condensing)

Accessories


Protective Case


Remote Speaker Microphone


Bluetooth Earphone


Bluetooth PTT Button


Air Conduit Earphone


Bluetooth Remote Speaker Microphone


Light Weight Headset


Head-mounted Camera


Battery

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