



# EP822

Broadband large

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EP 822, a high-end broadband cluster communication terminal independently developed by Diaoyao, supports the integration of public and private networks. With robust functionality and high reliability, it adapts to various industrial applications. The system enables private calls, group calls, SMS/MMS services, broadband data access, video dispatching, and multi-service concurrency. Equipped with a high-definition touchscreen, front and rear triple cameras, large memory, and a high-capacity detachable battery, the terminal runs on the latest Android (EMUI) smart operating system. It is widely applicable in industries such as Safe City, transportation, and energy sectors, delivering professional cluster dispatching, multimedia scheduling, and broadband data capabilities.

### product features

#### Standard protocol, multi-band

- 3GPP protocol standard, B-TrunC protocol standard
- Multiple modes and multiple frequency bands to meet the industry's multi-frequency band requirements

#### Independent chip, safe and controllable

- Domestic 8-core CPU high-end configuration
- Independent Beidou, independent and safe and more reliable

#### Secure encryption, end-to-end protection

- End-to-end security design, user information is

#### Seamless connectivity, unlimited communication

- Dual SIM cards, public and private mutual assistance interaction, multi-network coordination

#### Smart power consumption, long battery life

- Two 5100 mAh large capacity detachable batteries are standard
- Long battery life, 9 V2A fast charging

#### Super large touch screen, high definition shooting

- 5.0-inch 1080 P HD touch screen
- 48 megapixel +8 megapixel rear camera and 8

#### Safe, reliable and durable

- IP68 high protection class
- Complies with MIL-STD 810G specification requirements

#### Open platform, suitable for industry applications

- Android intelligent open platform, application independent expansion
- EMU reinforced intelligent operating system



## Specification parameters

Overall machine size	161 mm (height) x 75 mm (width) x 21 mm (depth) Flash	support
Overall weight	Less than 360g (including antenna and battery) built-in storage	6GBRAM+128GB ROM
battery capacity	5100mAH external storage	TF card, up to 256G
screen size	5 inch speaker power	3W
screen resolution	Position 1920 x 1080	GPS, Beidou and GLONASS support independent Beidou positioning
touch screen	Support Wi-Fi	Supports 2.4G and 5G, IEEE802.11b/g/n
Front-facing camera	8 megapixel Bluetooth	5.1 EDR
Rear camera	48 megapixels +8 megapixels NFC	support
Professional network operating frequency band	EP822:1.4G:1447~1467MHz 1.8G:1785~1805MHz Others:Band 20/26/28/68* EP822-D06:TDD1.4G:1447~1467MHz TDD1430M:1430~1445MHz TDD1.8G:1785~1805MHz TDD 600MHz:566~678MHz	
Public network operating frequency band	EP822:GSM:900/1800/1900UMTS:B1/B2/B8 LTE:Band1/2/3/4/5/7/8/20/26/28/38/39/40/ 41 EP822-D06:GSM:900/1800/1900UMTS:B1/B2/B8 Band1/2/3/5/8/38/39/40/41	
DMO operating frequency band	EP822:380~470MHzEP822-D06:380~420MHz	
Power class	EP822:1.4G/1.8G/B20/B26/B28/B68:24±2dBm and others: 23±2dBm EP822-D06:1430M/1.4G/1.8G:24±2dBm600M:25±2dBm other: 23±2dBm DMO: 30±2dBm	
Work bandwidth	1.4G:5MHz/10MHz/15MHz/20MHz1.8G:1.4MHz/3MHz/5MHz/10MHz/15MHz/20MHz600M:5 MHz/10MHz/20MHz Others: Meet the requirements of 3GPP 36.101.	
UE ability rating	UL Cat13/DL CAT12	
Dual SIM cards	Support public-private network assistance	
peripheral interface	HDMI interface, support audio, USB, OTG, serial port, etc	
SIM card type	Supports hard SIM card (dual slot, Micro SIM card)	
operate time	Standby time>60 hours GIS+ group call>16 hours DMO>16 hours video surveillance>4 hours	