

# BM45 mobile phone detection device

Full band search equipment 4G+5G 4G+5G full frecquency band search device

4G LTE+5G NR all-band search equipment covers 4G and 5G mobile phones of China Mobile, Unicom, Telecom and Radio & TV

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### PRODUCT INTRODUCTION

#### **Product Brief Quality Assurance**

4G LTE+5G NR the full-band search device can conduct code detection search on 4G and 5G mobile phones of China Mobile, Radio and Television, Unicom and Telecom to obtain the IMSI of the mobile phone in the mobile phone control area without the user's awareness (Mobile phone card code) and other information and accurate search.

The device is of modular integrated design, small in size and light in weight, with high frequency band full positioning accuracy, and can accurately identify Apple mobile phones or non-Apple mobile phones. It effectively solves the problems of "out-of-account machine", "out-of-card card" and "illegal mobile phone brought in from non-admittance places", and plays an important role in the actual work of security inspection of confidential environment.



## PRODUCT INTRODUCTION

#### Product function quality assurance



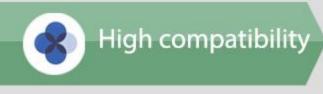
process of the device, and identify the iPhone mobile phone, which can accurately identify Apple or non-Apple mobile phone



Automatic frequency sweep, automatic parameter configuration, one-touch start



Search the surrounding base station information, automatically optimize the network parameter configuration, and quickly collect the IMSA information of the surrounding mobile phones through the frequency sweep mode



By analyzing the uplink and downlink strength measurement report of the mobile phone at the same time, the accurate positioning can be achieved, and the positioning accuracy can reach 0.5 meters. Configurable individual equipment for high-precision positioning



## PRODUCT INTRODUCTION

#### **Technical index**

#### System parameters

Working mode	4G LTE-TDD、4G LTE-TDD 5G NR
Number of concurrent frequency points	4G-2 frequency point; 5G-2 frequency point
Antenna and interface	Built-in directional antenna
Work pattern	Active launch, supporting simultaneous operation of China Mobile China Unicom, telecommunications, radio and television
Operating frequency range	LTE: B1/B3/B5/B8/B34/B39/B40/B41 5G NR: N1/n28/N41/N78/N79
Control mode	Handheld terminal control

#### Performance parameter

Acceptance sensitivity	-100DBM
Transmitting power	Standard 0.5W (N79:250MW)
Coverage	30-50m (depending on the environment)
System interference	Whitelist terminal < 2 seconds
Positioning accuracy	0.5M
Azimuth Angle	Determined by antenna

#### **Electrical characteristics**

Power characteristics	External charging port TYPE-C for power supply (Xiaomi 120w charging treasure)
endurance	2.5 hours (replaceable battery, rechargeable)
Outline dimension	250X193X59(MM)
Host weight	<2KG

## CONFIGURATION LIST Physical shooting







