

## **Mobile Terminal Electronic Fence/Mobile Terminal's ID Number Acquisition Device**

***Model: TSJ5-50-68***

The mobile terminal electronic fence/mobile terminal's identification number acquisition device simulates and transmits the broadcast signals from mobile communication network, then the surrounding mobile terminals in standby mode are induced to initiate the location update process because the change of location area are obtained by the terminals, thus mobile terminal reports and registers IMSI/IMEI to the mobile terminal electronic fence, this process completes the acquisition of the information of mobile terminals in the coverage area..



### ***Features***

- High speed collection of three codes (IMEI, IMSI, TMSI)
- Support wired/wireless transmission data and data encryption storage
- Support remote configuration management and software upgrade
- Support users to capture back-end alarms, communication restrictions and short message.
- Support collision query, accompanying query, track playback, resident population analysis, GPS position report, and no disturbance to white list communication
- Support alarm for system failure, high load, VSWR, overpower, power failure, radio closing, etc.

### ***Applications***

It is used for prisons, highway gates, main road, stations, harbors, airports, scenic spots, exhibition centers, basements, shopping malls, ...



**Tone Spread**

Solutions for Wireless Signal

**Electronic Fence**



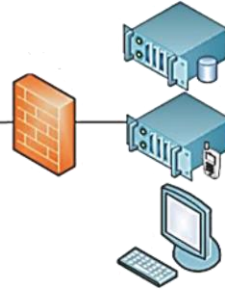
Ethernet cable, fiber, 3G

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**Transmission Network**



**Background Management System**





**Tone Spread**  
Solutions for Wireless Signal

### Technical Specifications

Items	Specifications				
System	2G/4G				
Frequency Bands	LTE700				
	LTE900				
	LTE 1800				
	LTE2100				
	LTE2600				
Working Style	Active				
Output Power	700MHz 40dBm/10W	900MHz 40dBm/10W	1800MHz 40dBm/10W	2100MHz 40dBm/10W	2600MHz 40dBm/10W
Receiving Sensitivity	-100dBm				
Speed of Code Sweeping	> 1500pcs/min				
Static Capture Rate	>95%				
Dynamic Capture Rate	>95%@40 to 60 km/h, >80%@60 to 85 km/h				
Coverage Area	Up to 500m (Related to Output Power of Device and Wireless Environment)				
Target Release	Normal Communication Impact Time: <4s Time Set				
Data Return Mode	Wireless/Wired Transmission				
Installation	Fixed/Vehicle/Modular Installation				
Application	Indoor or Outdoor(IP65)				
Antenna Interface for Lightning Protection	Optional				
Connector Type	N-Female				
Operation Temperature Range	-20°C ~ + 50°C				
Relative Humidity Range	≤ 95%(Non Condensing)				
Power Supply(Customized)	AC110V or AC220V, 50/60Hz				
Dimensions	500x440x140 mm				
Weight	≤ 25kg				