



Rayzone Group

▶▶ Cutting edge solutions
for innovative intelligence

ArrowCell

Detector, Preventer and Locator
of Active GSM Interception

One of the most sophisticated ways to intercept incoming and outgoing GSM communication is by utilizing an active interception system. As soon as the phone is logged onto a GSM active system, the mobile phone's identity is extracted and all conversations and SMS text messages are fully intercepted by the attacker.

Rayzone's **ArrowCell** product family, offers a real-time comprehensive solution of full protection against active GSM interception systems.

ArrowCell identifies its surrounding cellular networks and detects unusual behavior. The unique algorithms determines whether the original operating cell has been replaced by an alternate fake operator. Using specific vulnerabilities in the GSM standard, ArrowCell disables the interception and prevents its operation. Moreover, the ArrowCell has the ability to locate active GSM interception systems in high accuracy of exact room inside a building.

Rayzone's ArrowCell product family:



ArrowCell D

Enables Detection of an active GSM interception system in the proximity. Rayzone's ArrowCell D is a small portable device that detects unusual behavior in the surrounding 2G and 3G cellular networks. The unique algorithms determines whether the original operating cell has been replaced by an alternate fake operator and alerts the user upon detection.



ArrowCell DP

Detection and prevention of an active GSM interception system. Rayzone's ArrowCell DP detects the illegal active interception system threat, then alerts the user and specifies the level of threat. Using a unique technology Rayzone's ArrowCell DP disables the interception without jamming the cellular environment.



ArrowCell DPL

Enables Detection, Prevention and Location of a GSM active interception system. Rayzone's ArrowCell DPL detects the illegal active interception system threat in real-time, alerts the user and disables the interception. Rayzone's ArrowCell DPL is capable of locating the GSM interception in high accuracy of exact location inside a building.

	ArrowCell D	ArrowCell DP	ArrowCell DPL
Detection	✓	✓	✓
Prevention	✗	✓	✓
Location	✗	✗	✓
SIM	2 SIM	SIMless	Up to 4 SIMs
Screen	4.7" touch screen	12" monitor	12" monitor
Whip GSM Antenna	✗	✓	✓
Flat Panel Antenna	✗	Optional	Optional
Enhanced Fixed Antenna	✗	✗	Optional
Homing Device	✗	✗	Optional
Managing multiple devices (up to 100 devices)	✗	Optional	Optional

ArrowCell Accessories



Whip GSM Antenna



Flat Panel Antenna



Enhanced Fix Antenna



Homing Device



Battery Pack



CSOC Server