



Conventional Jamming Systems come with fixed patterns for jamming signals.

The POE Jamming System provides software with highest flexibility regarding signal generation and optimal utilization of jamming power to disable the adversarial RF signal.

The developable software enables all required features for the efficient generation of jamming signals.

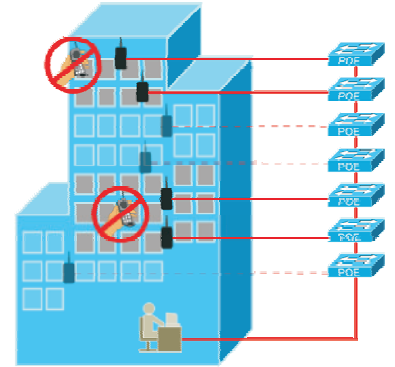
POEJ I / POEJ II / POEJ III



POE Jammer 1 Band



POE Jammer 3 Band



Infrastructure POE Jammer

Features:

- » achieved in several demonstrations (e.g. tests by Airforce, NATO etc.)
- » Real-time detection of adversarial RF signal (Dynamic Jamming)
- » up to 6 RF outputs, controlled by up to 3 DDS
- » 15 frequency bands / output configurable
- » DSP Technology: allows any kind of modulation
- » Cover the enemy's signal in an efficient way
- » unique technology "Sweeping Over Sweeping"
- » individual IP address » Power supply by network or 5/12/24 VDC. » Parameters for each band: Speed of sweeping, carrier step size, power and modulation

Technology description:

A radio signal does have different characteristics compared to a cellular phone signal; therefore the jamming signal disturbing radio communication efficiently. It should be generated with different characteristics than the jamming signal defeating cellular phone communication. Even, cellular phone communication signal characteristics are specific to a country; the ability to adapt the jamming signal is crucial.

Sweeping Over Sweeping Technology:

The modulation of the sweeping carrier signal is sweeping itself as well.

Especially the feature to transmit DTMF codes is an important issue in order to disable efficiently the remote controlling of bomb ignitions through DTMF codes. Our generated DTMF codes may be transmitted at large distances disturbing the adversarial radios efficiently.

technical Data

Technologie: 3 DDS / 3 Bands

Frequenz: Band Jamming 400-800 MHz / 800 MHz - 1200 MHz
1,2 GHz - 1,8 GHz / 1,8 GHz - 2,2 GHz
2,2 GHz - 2,6 GHz / other Bands by request

Reactive: optional

Output Power: 2 Watt per Band

Connector: USB, 10/100 Mbit Network, Power Over Ethernet,
optional: Power 5 VDC / 12 VDC / 24 VDC

Programming: Full programmable DDS technologie

Practice: Building Jamming, Walki-Talki, GSM, GPS, WLAN, NFC, Bluetooth



POE / LAN Jammer

