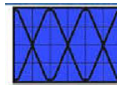
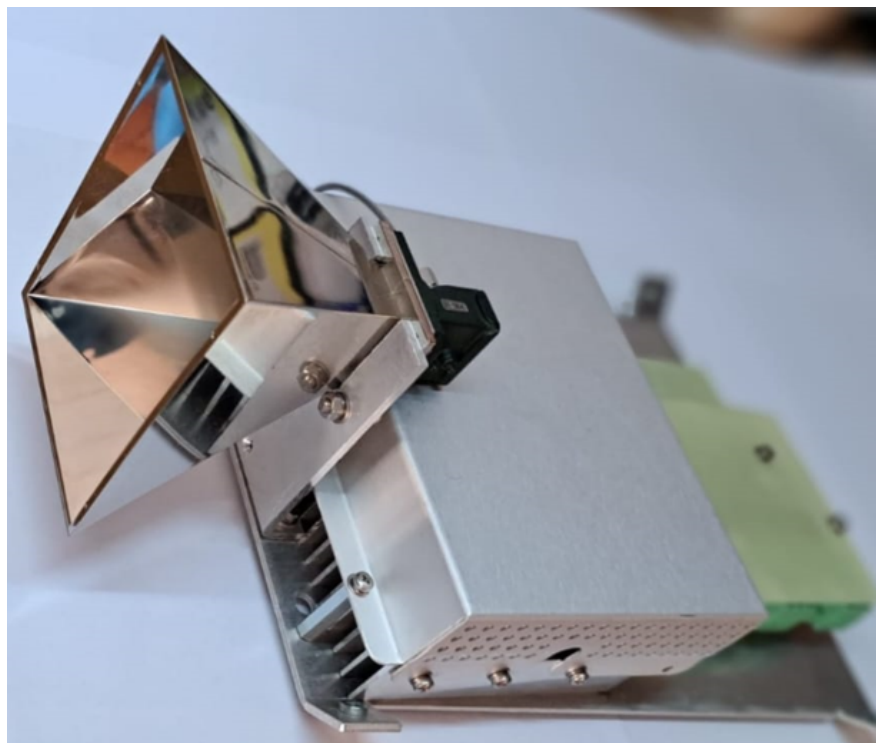


# Radar Threat Emulation & Magnifier MagnifiQ



TECHNOSYSTEM S.r.l.  
By  Group



MagnifiQ is a state-of-the-art RF Radar Magnifier and Emulator platform. World-class operators take advantage of its wide range of customized RF modules, different antenna configurations, power units and DC supply flexibility to fit every training scenario. The evolution of a decade-old powerhouse device, made smaller.

## TECHNICAL SPECIFICATIONS:

- Frequency range (programmable): 8550 - 9000 MHz (Version -X)  
Other sub-bands available)
- Operating frequency: 8600 MHz
- Frequency step: 1 MHz
- Output power: 43 dBm
- Modulation: Pulse (programmable custom pattern)
- Pulse width: 1  $\mu$ s
- Pulse period: 100 $\mu$ s
- Antenna Gain: 17 dB
- Antenna beam width: V 20° / H 32°
- EIRP: 60 dBm (1KW)
- Power supply: 24 V from "on board" Batteries
- Batteries capacity: 4.4 Ah
- Total consumptions: 1.4 A
- Operating time: 3 h
- Operating Temperature range: -30 / +55°C
- Weight: 2.5 Kg

Easy on-board installation

Extremely cost-effective

Available in C/X/Ku/K bands

Simple freq. adjustment

Programmable pulse/keying

Independent power supply

Improved battery duration

High emitted power density

Ideal after-market device for  
the most popular drones

Flexible platform, fits almost  
every air target type

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