MILKED-4T
PORTABLE HF DIRECTION FINDING (DF)
AND MONITORING SYSTEM
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MILKED-4T is a portable HF DF equipment with a state of the art digital receiving architecture.

MILKED-4T, with several antenna options and DF algorithms, provides a plethora of solutions for mobility and DF accuracy requirements.

Portability, user friendliness, reconfigurable antenna alternatives perfectly match the intelligence requirements of ground troops.

MILKED-4T is an ideal solution for COMINT operations in the HF band designed for combat units in the operational area.

General Features
- Modular and scalable design
- Ease of use
- Watson Watt (WW) and Correlative Interferometer based DF algorithms,
- Several antenna array alternatives,
- Fully digital receiving architecture
- Demodulation of AM, FM, LSB, USB, ISB, CW, I/Q,
- Remote control via Ethernet interface,
- Location fixing on digital map display,
- Channel scan, threat list, frequency lock-out features,
- Recording and offline analysis software,
- Extensive built in self test

Technical Specification
- Frequency Coverage : 2-30 MHz
- DF Accuracy (Clear Site) :
- WW Algorithm (Crossed-Loop Antenna):
  - 2-5 MHz : <10° RMS
  - 5-30 MHz : <5° RMS
- CCDF Algorithm (5 Element Circular Monopol Antenna Array, 10m Radius):
  - 2-30 MHz : <5° RMS
- CCDF Algorithm (8 Element Circular Monopol Antenna Array, 40m Radius):
  - 2-30 MHz : <2° RMS
- Weight : ≤ 40 kg (*)
- Shock, Vibration : MIL-STD-810G
- EMI/EMC : MIL-STD-461E
- Operating Temperature : -10/-50°C
- Storage Temperature : -40/-70°C

(*) Without Antenna and antenna RF cabling.