

BTID

BATTLEFIELD TARGET
IDENTIFICATION DEVICE





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BATTLEFIELD TARGET IDENTIFICATION DEVICE

Battlefield Target Identification Device (BTID) is a critical system in military operations in terms of accurately identifying the friendly platforms within the battlefield through land to land identification.

Combined Interrogator and Transponder (CIT) Configuration, includes the following units:

- Processor Unit
- Remote Control Unit
- Interrogator RF Unit and Antenna
- Transponder RF Unit and Antenna

General Features

- STANAG 4579 Compliant
- Ability to work as a Combined Interrogator/Transponder
- Ability to work as a Transponder Only
- Short ID, Full ID
- Embedded Crypto Unit with NATO Compatible
- Control Interface: Ethernet
- Total and Differential Antenna Interface (ISLS Capability)
- BIT: Build In Test

Technical Specifications

- Operating Frequency : 36.7 - 37 GHz
(10 MHz channel spacing)
- Supply Voltage : 28 Vdc MIL-STD -1275 E
- Identification Distance : 6000m
- Operating Temperature : -40 °C to + 55 °C
- Operating Altitude : 3500m
- Shock, Humidity, Vibration, Solar Radiation, Rain, Dust and Sand : MIL STD 810F
- EMI/EMC : MIL STD 461E