



CIT, TP  
BATTLEFIELD TARGET  
IDENTIFICATION DEVICE  
#MilitaryCommunication



aselsan

## CIT, TP

### 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 Configuration (CIT), includes the following units:

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

Transponder (TP) Configuration, includes the following units:

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

#### General Features

- NATO 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
- Build In Test (BIT)

#### 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 : MIL STD 810F
- Solar Radiation, Rain : MIL STD 810F
- Dust and Sand : MIL STD 810F
- EMI/EMC : MIL STD 461E

Specifications are subject to change without any notice. | All tolerances are within  $\pm 10\%$ .