ENABLING HIGH-CAPACITY COMMUNICATIONS

- On-the-move or on-the-pause operational use
- Point-to-Point or Point-to-Multipoint
- Embedded crypto AES256
- NATO Band III+ or Band IV

NETWORK & INFRASTRUCTURE SYSTEMS

T.N. 4105
Compact, High Capacity Transmission System
OPERATION ENVIRONMENT

T.N. 4105 is a key transmission component of the widely-deployed Thales Nexium Theatre solution and serves as high capacity point-to-point or point-to-multipoint link. T.N. 4105 is designed to enable reliable military communications in hostile environment.

TECHNICAL PARAMETERS

RADIO
- Frequency: Band IV or Band III or Band III+ and unlicensed ISM (2.4 and 5.8GHz)
- Radio access: Time Division Duplex (TDD)
- Channel Size: from 3.5 to 40MHz
- Transmit Power: Up to 33dBm
- Embedded crypto: AES-256
- Adaptive MIMO: MIMO A and MIMO B

ANTENNA
- Set of antennas adapted to the mission needs.

CONNECTIVITY
- Embedded WiFi access point
- IP connectivity for guaranteed interoperability

OTHER CHARACTERISTICS
- Configuration: Smart Graphical user interface or SNMP V3
- Power: POE ++. Power injector with 24VDC or 230V AC input available.
- Overall Size: 163*300*287mm
- Weight: 3 Kg
- Operating Temperature: -40°C/+60°C
- ECCM: APC, AFC, Frequency hopping

WAVEFORM LIBRARY
- One Software Defined Waveform selectable within:
  - Point to Multipoint on the move up to 80Mbps
  - Point to Point up to 200Mbps
  - Low latency Multiple Point to Point up to 200Mbps
  - Frequency hopping

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