TW1m TETRA voice and data modem

Small and powerful

The Airbus TW1m voice and data modem delivers high availability, extreme security and low energy consumption. The voice and data enabled modem can be used when unexpected downtime can risk the safety or even lives of users.

The wide-ranging integration options offered by the TW1m include all types of embedded systems –SCADA, custom telemetry, position tracking, perimeter access control, voice applications and many more.

The TW1m modem is small and energy efficient, yet big on performance, boasting a power class 3L TETRA transceiver and the advanced GPS positioning found on TETRA devices. Its high receive sensitivity provides excellent network coverage.

All key features included
The TW1m's features include GPS location, voice, data port type selection and T-SIM card reader. Optional features include higher TX power level and DMO Repeater.

Versatile connectivity
The TW1m comes with third-party off-the-shelf interfaces, allowing integrators to use their preferred method of connectivity and wiring. The board has a system connector for data/PEI and voice and a choice between RS-232 serial connector or a USB connector. It also offers interfaces for programming and power.

Safe and uninterrupted information transfer
Connected systems often have safety and security concerns. By using the TW1m, you always get the highest level of security, from mutual authentication to advanced encryption options.

The TW1m TETRA modem meets the highest data protection standards required by public safety organizations, with advanced security features that include an E2EE option.

AIRBUS