TECHAYA Military Rugged IP68 Cyber Proof Serial over USB MILTECH 16SER

Techaya military rugged serial over USB unit MILTECH 16SER, enables one-way data transmission for securing information breach from classified networks to unclassified domains.

The portable rugged Serial unit was developed specifically for new cyber threats existing in today's networks, providing new security features and capabilities for protecting critical systems.
The rugged packaging, per MIL-STD-810F, enables the MILTECH 16SER to be used in a wide range of harsh military applications, such as:

- UAV's
- Land autonomous vehicles (UGV's)
- Robots
- Mobile equipment

The MILTECH 16SER offers the following characteristics:

- 16 Serial ports (8 x RS232 over USB + 8 x RS485/422 over USB).
- 2 x USB2 expansion ports.
- Uplink includes: USB2 upstream, I2C and Power in.
- Cyber Features: H/W Enable/Disable TX/RX internal switches for each Serial port.
    - Remote S/W control for TX/RX Enable/Disable via I2C.
    - Cascading up to 5 devices, providing 80 Serial interfaces over a single USB port.
- Standards: MIL-STD-461, MIL-STD-810, MIL-STD-1275, MIL-STD-704, IP68.
- LED indication: power, Tx/Rx per port.
- Power input: 24Vdc Nominal (16-36V), 4W Maximum.