

RAAM-T



The CTI Ruggedized Tactical Ethernet Switch is a compact, lightweight, and rugged network solution designed to provide reliable high-speed connectivity for dismounted soldiers and tactical teams operating in demanding environments

FEATURES HIGHLIGHT

- Support up to 8 Ethernet ports: 10/100/1000BaseT copper
- Jumbo Frames support
- Low power consumption <3.5W nom
- Dimension: 110x93x29 mm

FEATURES & BENEFITS

- 8 Gigabit Ethernet ports for 10/100/1000 Mbps links
- wire-speed non-blocking switching
- Auto-negotiation for Ethernet speed and duplex
- Auto-crossover for Ethernet MDI/MDIX
- >16 Gbps bandwidth fabric
- Ethernet isolation 1500 VRMS
- Connector: MIL-STD
- IEEE 802.3 (Original Ethernet 10Mbps)
- IEEE 802.3u (Fast Ethernet 100Mbps)
- IEEE 802.3z (Gigabit Ethernet 1000Mbps)
- IEEE 802.3x (Full-duplex with flow control)
- Support Jumbo up to 10K
- Support bi color led per port

POWER

- Connector: MIL-STD
- Input voltage range: 5v +- 10 % option:7-18 v
- Input power: 2.5W (max. under full load)
- Reverse polarity protection
- Exceeds MIL-STD-1275 for power protection

STANDARD COMPLIANCE

- IEEE 802.3 10 Mbps 10BASE-T (Ethernet)
- IEEE 802.3u 100BASE-TX 100 Mbps (Fast Ethernet) IEEE
- 802.3x Flow Control
- IEEE 802.3af, IEEE 802.3at

ENVIRONMENTAL

- Operating temperature: Up to -40° to 75°C dependent on cooling implementation*
- Storage temperature: -40° to 85°C Humidity: 5% to 95% RH (Non-condensing)
- Shock and vibration: IEC68-2-6, -2-27 and -2-3
- Designed* to meet IP65, MIL-STD-461E, MIL-STD-810F, MIL-STD-1275