



JTAC-TOUGH™ STAR-PAN™

STAR-PAN™ packaging
reduces heat and increases power
efficiency and battery life

Powering soldier connectivity and C4ISR mission success

Ruggedized soldier-worn electronics have revolutionized mission effectiveness. But the ongoing evolution of Digitally Aided Close Air Support (DACAS) missions, including precision targeting, ground and air radio communications, real-time video downlink, GPS/navigation, and personal area network computing has added significant mission weight to the dismounted soldier ensemble. Battery power management for this broad range of electronic gear is a significant challenge in terms of mission time, weight and supply logistics. The Glenair STAR-PAN™ data hub and power distribution system enables soldiers—from standard light infantry to Joint Terminal Attack Controllers (JTACs)—to make the most of C4ISR devices, improving situational awareness, surveillance, intelligence and reconnaissance while optimizing power monitoring and distribution performance. Importantly, all STAR-PAN™ technologies—from the high-density, NATO standard Mighty Mouse quick-disconnect connectors and cables to the scalable range of low-profile hub enclosures—are designed for optimal size, weight, power, and ruggedized mil-spec performance with battle-tested environmental and EMC sealing and shielding.

- Versatile 1, 2, 4, and 6-port high-speed hub configurations
- Compatible with USB 1.1, USB 2.0, and SMBus
- Embedded power charging
- Smart power monitoring for longer mission life
- Robust circuit protection
- MIL-STD-810 harsh-environment tested
- Compliant NATO STANAG 4695 Soldier Power Connector
- New MISSION MANAGER for on-the-fly device integration to soldier C4ISR networks



Glenair's Tactical Interconnect Solutions team is backed by six decades of proven, made-in-America interconnect industry performance in service of US and NATO armed forces—including the United States Marine Corps, our latest STAR-PAN™ adopters and users.

Export of STAR-PAN™ outside of the U.S. is controlled by the U.S. Department of Commerce Export Administration. See individual product pages for details. Consult factory for technology / hardware licensing information.

JTAC-TOUGH™

STAR-PAN™

Scalable Multiport USB Hub / Power Distribution Technology for Dismounted Soldiers



STAR-PAN HUBS: SCALABLE MULTIPOINT POWER AND DATA HUBS



Scalable C4ISR and Personal Area Network (PAN) power management hubs with compliant ports for 1, 2, 4, or 6 USB peripheral devices and soldier radios, plus dedicated support for host/End User Device (EUD), power supplies, and other mission-specific equipment.

HUB

STAR-PAN MISSION MANAGER: DEVICE INTEGRATION AND MANAGEMENT



Brings intelligent data networking and on-the-fly device integration to soldier C4ISR networks. Provides full-time host-to-broker data exchange between soldier USB peripherals and the EUD.

HOST

RADIO CABLES AND ADAPTERS



Glenair STAR-PAN radio adapters are made with NATO-standard Mighty Mouse 807 connectors and abrasion-resistant jacketing. Radio sidehat connectors are precision machined and fabricated for precise compatibility with JTAC/dismounted soldier radios.

RADIO

POWER CABLES AND BATTERY ADAPTERS



STAR-PAN power cables and battery adapters enable STAR-PAN system users to leverage the broad range of military battery types as well as next-generation conformal batteries, shared radio power, and AC/DC power sources.

POWER

TARGETING CABLES AND ADAPTERS



STAR-PAN supports data and power interconnection of US and NATO standard hand-held range finders and high-accuracy targeting systems with a complete range of ruggedized cables with proven, battle-tested performance.

TARGETING

VIDEO / GPS AND AUXILIARY C4ISR CABLES



Video downlink, GPS, and auxiliary C4ISR devices—including the complete range of TacROVER peripherals—are fully supported with a complete range of ruggedized STAR-PAN system cable assemblies.

VIDEO / GPS

HOST / EUD CABLES AND ADAPTERS



STAR-PAN End User Device and Host cables provide fast, reliable, battle-tested connectivity between soldier computers and C4ISR devices and power supplies. Micro-B USB 2.0, Micro-B USB 3.0, and USB-C adapters are available for all popular EUD types.

HOST/EUD

COMMERCIAL PROTOCOL CABLES AND ADAPTERS



Interconnection of devices equipped with commercial interface connectors such as USB, RJ45, and RS-232 are fully supported.

COMMERCIAL

SOFT GOODS: MISSION KIT BAG AND POUCHES



Rugged, MOLLE-compatible Mission Bag and Pouches for safe storage, organization, and transport of STAR-PAN™ system hubs, cables, and adapters. Available individually or as turnkey kits.

SOFT GOODS