



Ground
Soldier/
Special
Forces



STAR-PAN™ Light

STAR-PAN™ for Dismounted Infantry and Special Ops

Lightweight hub and cable systems enabling situational awareness, comms, and improved power management

Ruggedized soldier-worn electronics have revolutionized mission effectiveness. But radio communications, GPS/navigation, video downlink, and squad network computing have added significant mission weight to the ground soldier and tactical squad ensemble. Battery power management for electronic gear is a significant challenge in terms of mission time, weight and supply logistics. Glenair STAR-PAN Light and STAR-PAN II data hub and power distribution systems enable ground soldiers, special operations squads, and other tactical units to make the most of communication and computing devices, improving situational awareness and reconnaissance, while optimizing power monitoring and distribution performance.

STAR-PAN™ II

WARFIGHTER REQUIREMENTS

- MIL-STD-810 harsh-environment performance
- Compliance to both US and NATO STANAG 4695 connector interfaces
- Interoperability with soldier EUDs, radios, and C4ISR technology
- Scalable systems IAW soldier mission profiles
- Smart power: battery power management for weight reduction
- Plug-and-play ATAK integration
- Hot-swappable power sourcing and support for radio-supplied backup power
- Durable, flexible cabling
- Intuitive hookup and operation of all equipment

WARFIGHTER-TOUGH For Improved Ground Soldier Situational Awareness and Battery Power Management



APPLICATION OVERVIEW

Glenair STAR-PAN™ Light and STAR-PAN II hub systems are supplied with supporting cables and adapters for a tight range of harsh environment dismounted soldier applications. Cables are compatible with USB1.1, USB2.0 (full and high-speed), and SMBus protocols. Hubs are equipped with a single power port, EUD port, and one or two C4ISR peripheral ports. For the standard dismounted soldier, these two lightweight STAR-PAN hub systems enhance soldier situational awareness and tempo on the battlefield while maintaining flexibility, scalability, interoperability and increased autonomy. All connector interfaces are compliant to the NATO STANAG 4695 standard for Soldier Power Connectors

TYPICAL RANGE OF STAR-PAN TECHNOLOGY FOR LIGHTWEIGHT SOLDIER APPLICATIONS

STAR-PAN Component Description	Part Number
STAR-PAN Light Bifurcated Cable	808-054 / 808-058
STAR-PAN II Multiport USB and Power Distribution Hub	808-057-1
STAR-PAN Expansion Cable	808-081
PRC 152A Radio Data Adapter	808-032
DAGR GPS/Navigation Cable	808-040
PLRF 15C/25C Laser Range Finder Cable	808-049
TacROVER-P SIR 2.0 ISR Receiver Cable	808-045
TacROVER-E ISR Receiver Cable	808-043
Tactical Net Rover ISR Receiver Cable	808-117
USB 2.0 Adapter Cable	808-053
Hand-Held Radio Battery Adapter	808-066
BA5590/BB2590 Battery Shoe	808-048
Radio Power Booster	TS3-022
STAR-PAN II Quick-Start User's Guide	990-TS002

■ Across-the-board support for all soldier radio types:

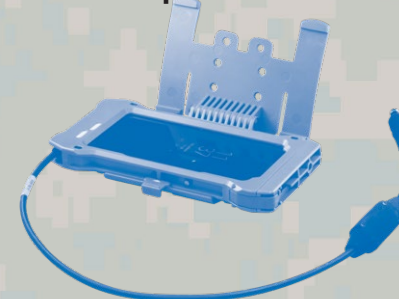
- L3HARRIS [AN/PRC-117G, AN/PRC-152A]
- THALES [AN/PRC-154 Rifleman, AN/PRC-148 JEM]
- Domo Tactical Communications (DTC) [SOL8SDR-H]
- ELBIT [PNR-1000, MCTR-7200HH]
- Silvus Technologies [SC4200, SC4400]
- Bittium [Tough SDR Handheld™]

EXAMPLES OF SUPPORTED RADIO AND C4ISR DEVICES USED IN LIGHTWEIGHT STAR-PAN SYSTEMS

SPECIFIC APPLICATIONS

- Dismounted infantry soldier situational awareness and battery management
- Fast-moving special operations forces communications and situational awareness

Tactical EUD Juggernaut Case with Adapter Cable



AN/PRC-152A Radio with Adapter Cable



Conformal Battery with Adapter Cable



DAGR GPS with Navigation Cable



TacRover Video Downlink with Adapter Cable

