



BATTLE-TESTED STAR-PAN™ NG



Next-Generation STAR-PAN Multiport USB Hub, Cable, and Power Management Systems

The Glenair next-generation STAR-PAN NG ecosystem incorporates a range of new capabilities in direct response to requests from JTACs, special operations forces, mission commanders, and other military specialists. Design innovations in STAR-PAN NG have resulted in higher current-carrying capabilities, greater versatility in power input support, and real-time plug-and-play USB device integration. The STAR-PAN NG hub and cable series offers a number of interface improvements and circuit board innovations including:

- A new 10A per-pin power connector design in the same dimensional package as our original 5 amp series 807 NATO STANAG 4695 push-pull connector. The new connector design features a retractable pin number 7 for backward-compatibility to legacy devices.
- Previous generation STAR PAN Plus hubs have dedicated power ports for battery power, auxiliary power, and radio power. New STAR-PAN NG Universal Power Ports (UPP) may be used interchangeably for any format of input or output power. The Universal Power Port interface supports both higher voltage input power and managed 5V output power to charging devices.
- STAR-PAN NG incorporates an advanced host port with native USB-C negotiation and power integration—power pin assignments are in conformance with the new standard, are backward-compatible to previous USB iterations, and deliver higher overall power levels. Daisy-chaining of multiple EUD devices for power input is also enabled via the new host port and circuit board.
- STAR-PAN NG supports the new USB 3.2 Gen 1 5Gbps standard. STAR-PAN X Base Station, our new 10-port “walk-on, walk-off” vehicle / soldier hub features board upgrades and interconnect interfaces in accordance with this new data rate standard.

- Versatile 1, 2, 3, and 4 PAN port-equipped hub configurations
- Universal Power Ports with embedded power charging
- Integrated MISSION MANAGER for plug-and-play device integration
- Circuit board level USB-C power integration and delivery
- Precision-machined hub bodies, IAW MIL-STD-810 harsh-environment, IP67 dust/water resistant
- Standard NG solutions and custom configurations
- NG system is compatible with many STAR-PAN + cables

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