



STAR-PAN™ NG 4/4

**Next-generation USB data/power distribution hub
for Digitally-Aided Close Air Support (DACAS)
and other combined mission commander / JTAC
applications**

Digitally Aided Close Air Support or DACAS is a specialized mission profile coordinating air and ground targeting and fires control. The Joint Terminal Attack Controller, or JTAC, is the specialized authority on the ground who, in coordination with air and ground commanders, controls the maneuvering and targeting of air assets and ultimately grants weapons release clearance to attacking aircraft, utilizing a dizzying array of digital equipment including multiple radio comm formats, digital video downlink, surveillance and targeting, drone reconnaissance, and more. The STAR-PAN™ NG 4/4 integrated system is designed to perfectly mesh with JTAC requirements for radio, power, and peripheral device support to extend the length and effectiveness of JTAC / DACAS missions.

Next-generation STAR-PAN NG systems incorporate powerful new capabilities in direct response to user requests and battlefield requirements, including higher-current USB-C power integration, the elimination of dedicated auxiliary, radio, and battery power ports in favor of a new Universal Power Port model, an expanded-capability Host / EUD port, and integrated MISSION MANAGER plug-and-play device integration.

STAR-PAN NG NEXT- GENERATION FEATURES

- High-current connectors
- Universal Power Port
- USB-C power integration and delivery
- Mission Manager device integration

STAR-PAN STANDARD FEATURES

- Compliance to both US and NATO STANAG 4695 connector interfaces
- Smart battery power management, built-in SMBus battery monitoring with integrated charging capability
- BMA-agnostic hardware
- Hot-swappable power sourcing, radio-supplied backup power support
- Water immersion IAW MIL-STD-810, IP67-rated dust/water resistant
- Intuitive equipment hookup and operation

BATTLE-TESTED STAR-PAN™ NG 4/4



Hubs and Accessories

TS2-014 STAR-PAN NG Hub, 4/4 · TS2-024 with Integrated MISSION MANAGER™



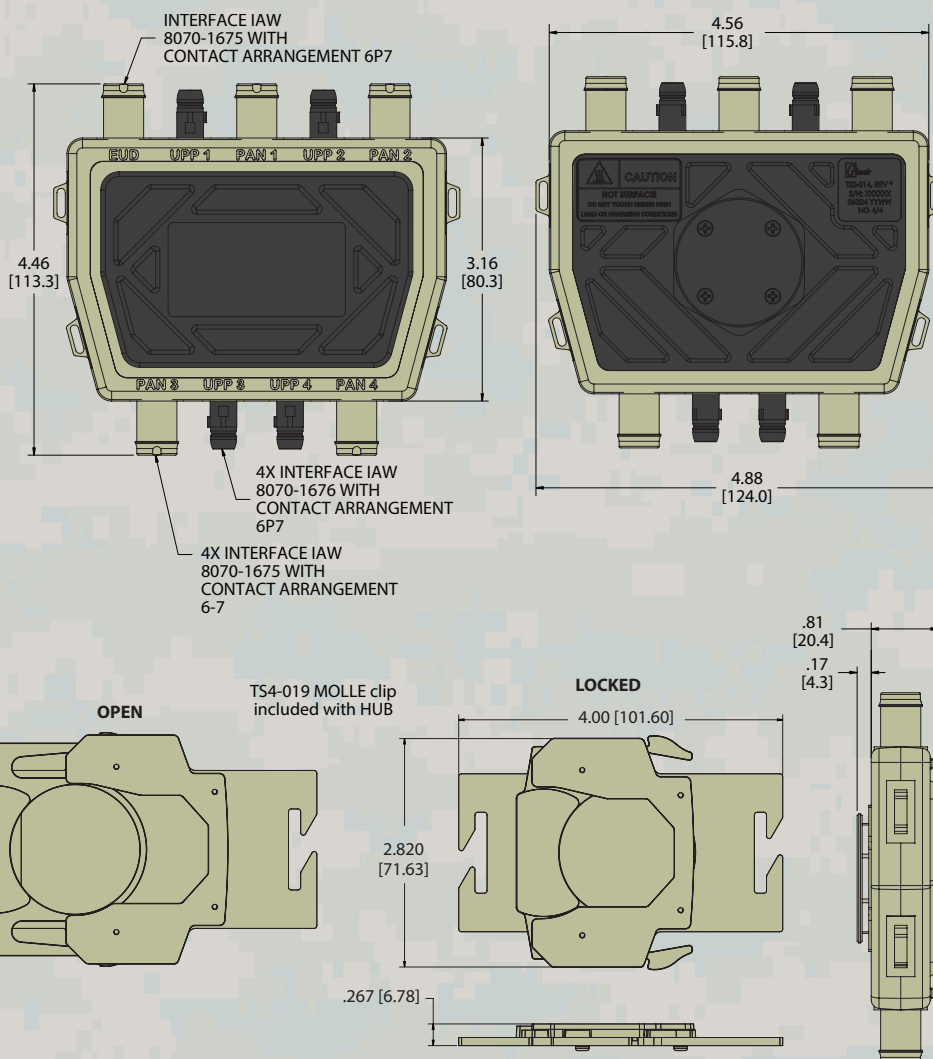
STAR-PAN NG 4/4
Next-generation design
with one EUD port, four
PAN ports and four UPP
universal power ports.

INTEROPERABLE
NATO STANAG 4695
SOLDIER POWER CONNECTORS



SPECIFICATIONS

- High-current connectors
- Universal Power Port
- USB-C power integration and delivery
- Allows system daisy chaining
- Weight: .51 lbs
- Export classification: EAR99



STAR-PAN™ NG HUBS + ACCESSORIES

TS2-014 STAR-PAN NG Hub, 4/4 Configuration Diagram

Power — — —

Data — — —

Data + Power — — —

TS8-480

TS1-062

TS3-045

TS1-047

TS1-020

808-088

TS3-035

EUD **UPP 1** **PAN 1** **UPP 2** **PAN 2**

PAN 3 **UPP 3** **UPP 4** **PAN 4**

BATTLE-TESTED STAR-PAN™ NG 4/4



Hubs and Accessories

TS2-014 STAR-PAN NG Hub, 4/4 Configuration Diagram

STAR-PAN NG TECHNOLOGY ILLUSTRATED IN THIS CAPABILITY DIAGRAM

STAR-PAN NG Component Description	Part Number
STAR-PAN NG General-Purpose Extension Cable	TS1-047
AN/PRC-163 Radio Adapter with Red/Black Switch	TS8-480
Cable Assembly, 7 Pin Back-to-back Radio-Battery Adapter	TS1-062
NG Universal Radio Power Booster	TS3-045
USB-C to Mighty Mouse Plug, Juggernaut OPRTR Case	TS1-020
AN/PRC-117G PAN Port Radio Cable	808-088*
AN/PRC-161 Radio Side Connector	TS8-482
AN/PRC-167 Multi-Function I/O (MFI) Cable Plug	TS8-411*
AN/PRC-167 Multi-Function I/O (MFI) Cable Receptacle	TS8-549*
180 Watt AC/DC Power Adapter Cable Assembly	TS3-035
TacROVER-E SIR 2.5 Cable ("U" Bend)	TS8-463-U*
Universal Radio Power Booster	TS3-022*
JIM Compact Cable, Right-Angle Overmold with Switch	TS8-488*

*Compatible with STAR-PAN+ and NG systems

HUBS AND ACCESSORIES

