

BATTLE-TESTED

STAR-PAN™ VI

808-037

6 port smart power and data hub system



OVERVIEW

The Glenair STAR-PAN™ VI Hub is a lightweight, durable, compact data and power distribution hub, ruggedized for harsh environment dismounted soldier applications. The connectorized hub provides a data backplane with power monitoring and management to connected external peripherals used in Digitally Aided Close Air Support (DACAS) and other mission applications. The hub is compatible with USB1.1, USB2.0 (full and high speed), and SMBus protocols. STAR-PAN™ VI contains two power inputs for extended missions. Two radio ports capable of powering up the USB Data backplane and host connection. A dedicated charge port for use with smart batteries and auxiliary power sources including multiple DC power sources such as vehicle power, solar panels, kinetic energy devices or fuel cells. All connector interfaces compliant to NATO STANAG 4695. Recommended: general-purpose C1 cable for EUD, battery, and peripheral connectivity.

PAN APPLICATIONS

- JTAC Digitally Aided Close Air Support (DACAS)
- Tactical ops center operations commander

HOW TO ORDER

Sample Part Number:

808-037

Connectorized Hub

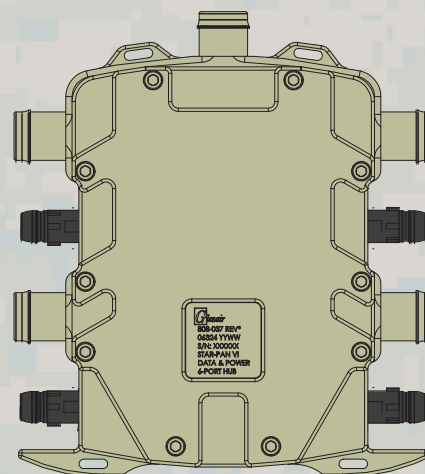
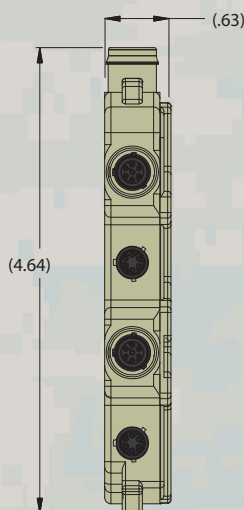
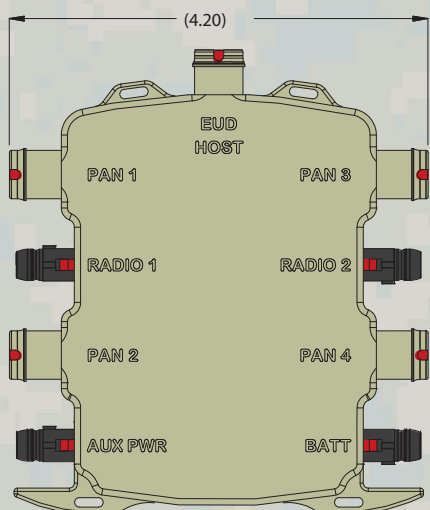
808-037 STAR-PAN VI 6-port power/data hub, standard port configuration: 1 EUD, 2 RADIO, 4 PAN, 2 POWER

Hub with MOLLE clip

808-037-MC 6-port hub, standard port configuration, with MOLLE clip

PERFORMANCE SPECIFICATIONS

Operating Conditions	
Operating Temperature	-40°C to +55°C
Storage Temperature	-40°C to +80°C
Operation Altitude	9754m
Storage Altitude	15240m
Water Immersion, Mated	MIL-STD-810, Method 512, 1m for 1 hr.; IP67 rated dust / water resistant
Host & Pan 1-4	
Battery Voltage	10.0V to 20.0V, 14.8V typical
Battery Supply Current	5A Maximum per individual port
+5V Backup Total Supply Current	5A based on radio supply, Radio 1 primary
Radio 1 and 2 Ports	
Battery Voltage	10.0V to 20.0V, 14.8V typical. Highest priority for power management
Battery Supply Current	5A maximum per individual port
+5V Back Up Supply Current	1.2A typical, 3A max, based on radio supply, radio 1 primary
+5V Back Up Supply Current	.5A per port
Auxiliary Power Supply Port	
Auxiliary Voltage Source	10V to 36V
Auxiliary Supply Current	5 A maximum system supply current
Battery Port	
Battery Input Voltage	10V to 20V
Battery Supply Current	5A maximum system supply current
Battery Charge Current	3A



BATTLE-TESTED

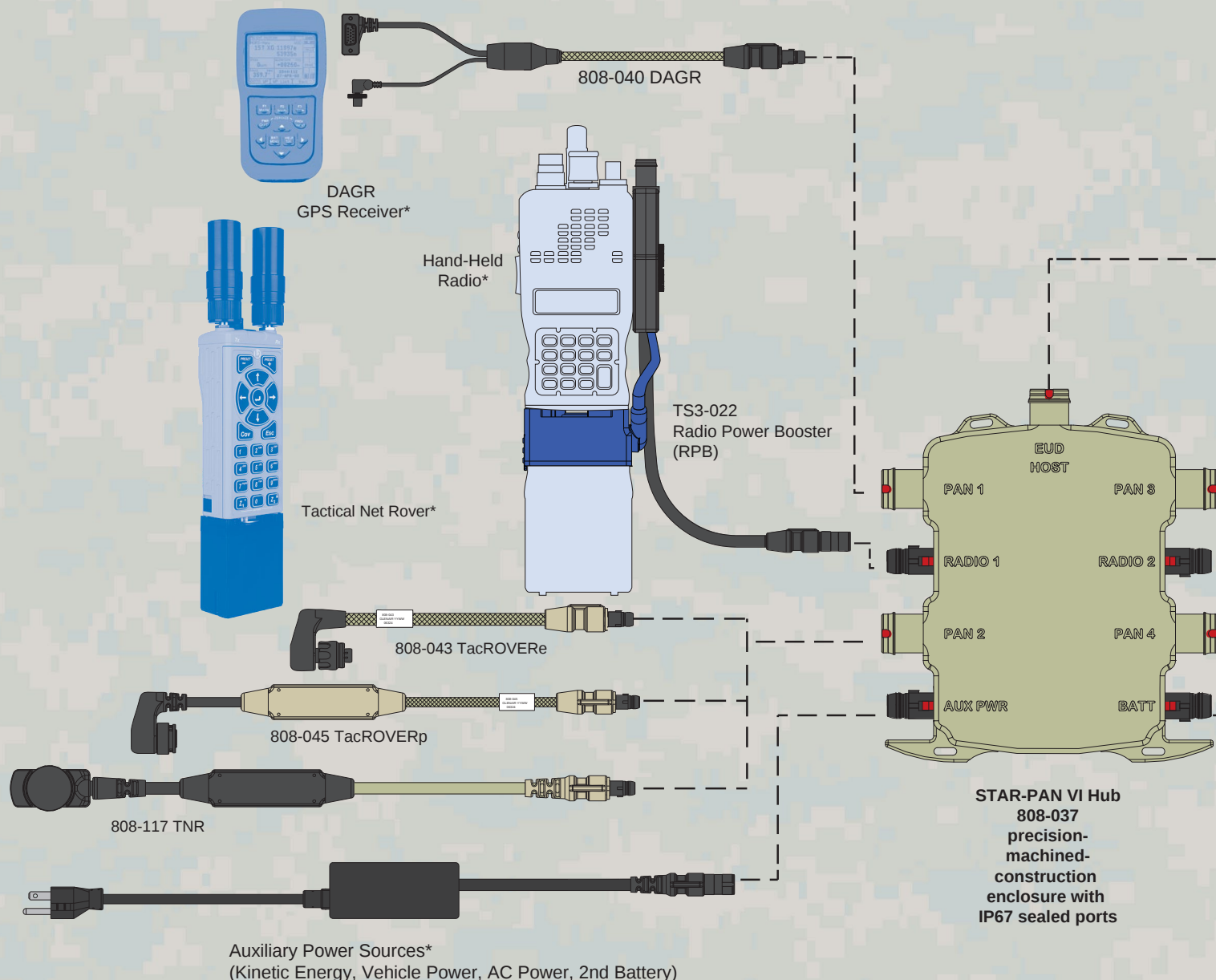
STAR-PAN™ VI

808-037 6 port smart power and data system Configuration diagram



STAR-PAN VI CAPABILITY DIAGRAM

- Universal PAN compliant ports (up to six devices)
- 1 designated host/EUD port
- 2 designated radio peripheral ports
- 4 PAN receptacles for up to four peripherals
- Battery and auxiliary power source input
- Glenair power port management
- Radio-supplied backup power
- Smart battery charging from auxiliary power
- Up to 5A battery power per port, 5A system total
- Up to 3A 5 Volt VBUS power per port, 5A system total



BATTLE-TESTED

STAR-PAN™ VI

808-037 6 port smart power and data system Configuration diagram



GLENAIR STAR-PAN TECHNOLOGY ILLUSTRATED IN THIS CAPABILITY DIAGRAM

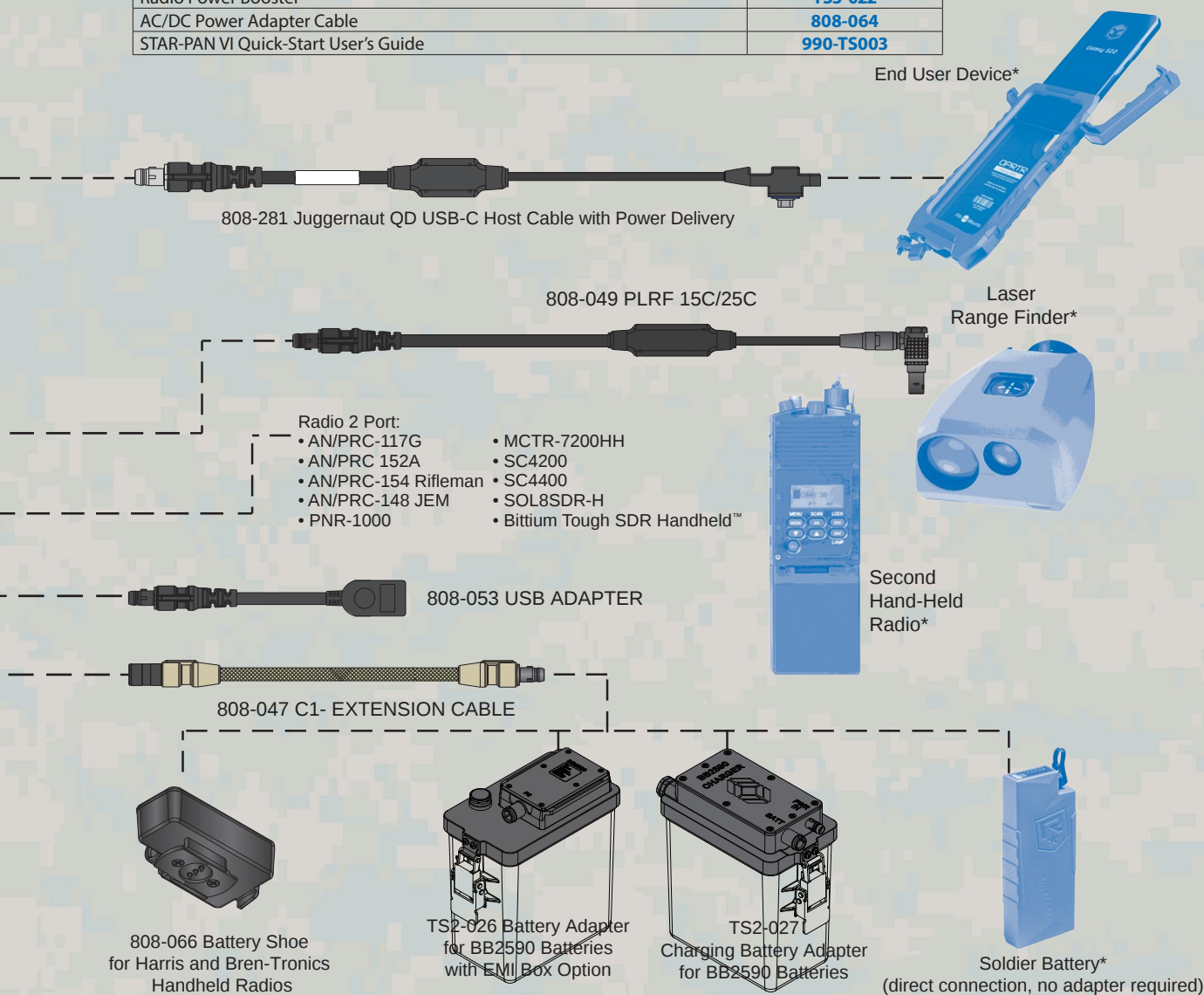
STAR-PAN Component Description	Part Number
STAR-PAN VI Multiport USB and Power Distribution Hub	808-037
STAR-PAN General-Purpose Extension Cable	808-047
PRC 152A Radio Data Adapter	TS8-513
Juggernaut Host Cable with Power Delivery	808-281
DAGR GPS/Navigation Cable	808-040
RT-1922 MicroLight SADL Radio Cable	808-044
TacROVER-E ISR Receiver Cable	808-043
TacROVER-P SIR 2.0 ISR Receiver Cable	808-045
Tactical Net Rover ISR Receiver Cable	808-117
PLRF 15C/25C Laser Range Finder Cable	808-049
USB 2.0 Adapter Cable	808-053
BB2590 Battery Adapter	TS2-026
Radio Power Booster	TS3-022
AC/DC Power Adapter Cable	808-064
STAR-PAN VI Quick-Start User's Guide	990-TS003



Pocket-Size
STAR-PAN VI
Quick-Start
User's Guide

[www.glenair.com/
star-pan](http://www.glenair.com/star-pan)

STAR-PAN™ HUBS + ACCESSORIES



BATTLE-TESTED

STAR-PAN™ VI

STAR-PAN VI accessories

TS4-009 MOLLE pouch • TS3-001 USB Flash drive



STAR-PAN™ HUBS + ACCESSORIES



STAR-PAN VI
MOLLE pouch

MOLLE POUCH SPECIFICATIONS

- Tan or Camouflage Cordura
- Single-button snap-lock for mounting on MOLLE loops
- Front loop Velcro securely retains STAR-PAN II hub

HOW TO ORDER

Sample Part Number:		TS4-009	-C
STAR-PAN MOLLE Pouch	STAR-PAN VI MOLLE pouch		
Color Option	-T = Tan -C = Camo		



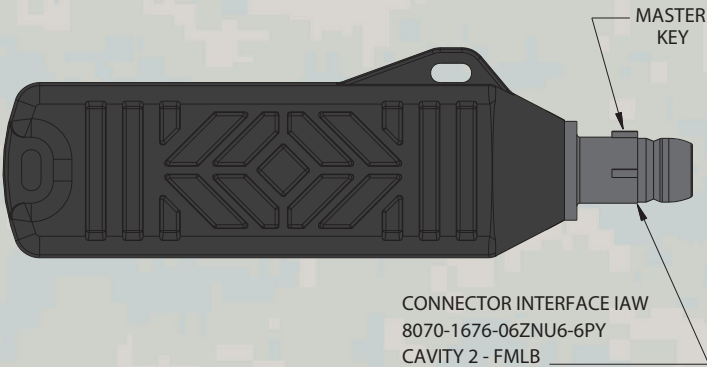
STAR-PAN
USB Flash drive

USB FLASH DRIVE SPECIFICATIONS

- Ergonomic black overmold
- 8, 16, 32, and 64 Gb capacities available
- Works with all STAR-PAN hubs

HOW TO ORDER

Sample Part Number:		TS3-001	
Accessory Series	STAR-PAN USB Flash drive		
Flash Drive Size	Omit for default 64 Gigabyte -08 = 8Gb -16 = 16Gb -32 = 32Gb		



BATTLE-TESTED

STAR-PAN™

STAR-PAN VI accessories

808-047 General-Purpose STAR-PAN Cable



STAR-PAN™ HUBS + ACCESSORIES



General-Purpose
STAR-PAN Cable



QUALIFIED FOR USE WITH
ALL STAR-PAN POWER / DATA HUBS:
LIGHT, II, IV, VI, AND BASE STATION X
STANDARD CABLE FOR USE WITH ALL
MIGHTY MOUSE 807-EQUIPPED ADAPTER
CABLES, EUDs, BATTERIES, AND PERIPHERALS

SPECIFICATIONS

- Olive drab Nomex® braided cable, or black Santoprene-jacketed cable
- Overmolded, ergonomic connector strain reliefs, desert tan or black
- Mighty Mouse 807 (NATO standard) connectors
- Weight, 24" cable: 50g
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number:	808-047	-36
Cable Series	General-Purpose STAR-PAN cable	
Cable Jacket Option	-S = Black Santoprene Jacket Omit for standard Olive Drab Nomex	
Length Designator	In inches. Omit for default length of 24.00" [NATO NSN 5995-01-668-8636]	

HUB PORT DESIGNATOR:
PAN

