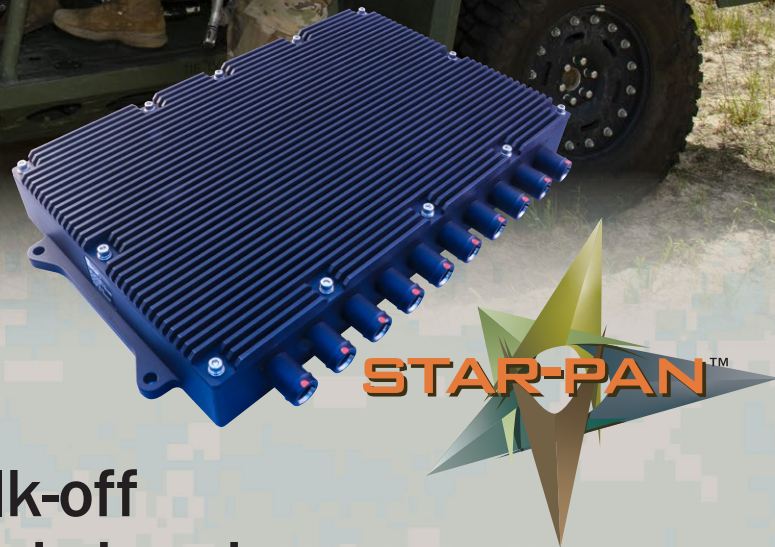


VEHICLE
Base Station

STAR-PAN™ X BASE STATION

Universal walk-on, walk-off soldier connectivity and charging device for vehicle and other transport platforms

C4ISR integration on an existing fleet of land, air, and maritime platforms is proving to be a challenge for many NATO members. STAR-PAN™ X 10-Port Base Station is a multi-port data and power hub for platform-based C4ISR integration. STAR-PAN X 10-port Base Station provides the same NATO standard interconnect interface as soldier-worn STAR-PAN systems, making it completely interoperable with the existing portfolio of cables and adapters. This also allows soldiers to connect their dismounted soldier system to the transportation platform's data and power network, enabling soldiers to be updated with BMS information while transporting in a vehicle, helicopter, or vessel. The principal benefit here is ongoing enhancement of soldier situational awareness as well as critical charging of unit batteries. STAR-PAN X incorporates an embedded MISSION MANAGER with upgraded processing power enabling it to act as a tactical edge computing device running a Battlefield Management System (BMS). STAR-PAN X incorporates various industry standard connectivity interfaces as well as the ability to run on its own battery power. This gives the device an ad hoc Walk on/Walk off integration capability without the need to dramatically impact or change the platform's data or power architecture—particularly useful for air platform integration negating the need for additional air worthiness certification.



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
- Smart power: battery power management for weight reduction
- Hot-swappable power sourcing and support for radio-supplied backup power
- Durable, flexible cabling
- Intuitive hookup and operation of all equipment

WARFIGHTER-TOUGH

Portable Base Station Unit for Convenient Vehicle-to-Soldier Data Uplink and Charging



SPECIFICATIONS

- PAN ports for up to ten devices
- HDMI and Ethernet ports
- Integrated STAR-PAN MISSION MANAGER functionality
- Two USB 3.0 ports
- Two battery and one auxiliary power source inputs
- Glenair power port management
- Smart battery charging from auxiliary power
- Up to 5A battery power per port, 20A system total
- Up to 2A 5 Volt VBUS power per port, 10A across all ports
- Precision-machined construction, integrated connectors

STAR-PAN X BASE STATION APPLICATIONS

- Armored personnel carriers
- Land and air troop transports
- Landing craft and other Naval vessels
- Command posts and shelters

BASE STATION X CABLE PART NUMBERS

BB259 BATTERY CABLE ADAPTER	TS8-496
AC PWR SUPPLY CABLE ADAPTER	TS8-497
USB 3.0 CABLE ASSEMBLY	TS1-039
CAT 5E ETHERNET CABLE	TS1-040
HDMI TYPE A CABLE ASSEMBLY	TS1-041
USB 2.0 DONGLE	TS3-001
General-Purpose Extension Cable	808-047

OVERVIEW

STAR-PAN X 10-Port Base Station is a multi-port data and power hub for platform-based C4ISR integration. STAR-PAN X 10-port Base Station provides the same NATO standard interconnect interface as soldier-worn STAR-PAN systems, making it completely interoperable with the existing portfolio of cables and adapters, and allowing easy soldier interconnection to the platform's data and power network. The unit incorporates an embedded MISSION MANAGER with upgraded processing power. STAR-PAN X has various industry standard interfaces and the ability to run on external battery power. This gives it an ad hoc Walk on/Walk off integration capability without the need to dramatically impact or change the platform's data or power architecture. Dismounted soldiers can connect to the vehicle power and data accessing on-board radios and sensors via a single cable connection and/or access data through the WiFi-network when operating in the vicinity of the vehicle.



Vehicle network interface includes HDMI, Ethernet, and USB 3.0 ports, plus two battery power ports and one auxiliary power port



USB 3.0 Cable Assembly
TS1-039



Cat5E Ethernet Cable Assembly
TS1-040



HDMI Type A Cable Assembly
TS1-041



AC Power Supply Adapter Assembly
TS8-497



USB 2.0 Dongle
TS3-001