



Hubs and Accessories

STAR-PAN™ NG Capabilities Overview

FUNCTIONAL DESCRIPTION

- Functions as a USB 2.0 hub with integrated power management for all connected devices.
- Integrated host running Mission Manager OS.
- Provides power and data communication between connected devices.
- Power monitoring for every port.

UNIVERSAL POWER PORT (UPP)

- Unified power input power provides simplicity and versatility.
- On the fly switching between numerous modes of operation, including traditional “Battery Port” and “Radio Port” modes.
- 10A capable VBAT input and output current allows increased system power envelope.

EUD PORT

- 10A capable VBAT input and output current allows for system daisy chaining.
- Host swap allows EUD port to be host or device, the default is device.
- USB-C PD charging supported profiles:
 - 5V, 9V @ 3A
 - 12V, 15V @ 3A (with suitable input voltage)
 - 20V @ 3A (with suitable input voltage)

PAN PORTS

- Up to 5A VBAT, 3A VBUS output.
- Full power monitoring on all outputs.
- USB 2.0 data connectivity.

MISSION MANAGER

- Integrated host running Mission Manager OS.
- Quad core ARM Cortex-A53 operating @ 1.3GHz
- 4GB RAM
- 64GB eMMC storage
- USB host swap to allow external EUD to act as the USB host.