VAADR ExFilt

ExFiltration Station for Fast Debrief

Overview

Similar in size and shape to the VAADR MIL-N video recorder, the VAADR Exfiltration Station chassis functions as a dock for a VRMM (VAADR Removable Memory Module), enabling rapid offloading of data via USB3.0 to a PC computer. VAADR VRMMs have direct capability for extraction, and thus do not require this device. However, this device does help significantly lessen download times with increased performance for data/video extraction. Compared to the USB2.0 directly from the VRMM, using the VAADR ExFilt shortens extraction times to the computer by 5x - 10x the regular downlaod rate.

DDC-VAADR2-EX-001

Features and Capabilities

- Enables fast extraction (USB3.0 speeds) of video/data from any USB2.0-based VRMM
- Reduce extraction time by 5 to 10 times, depending on the PC
- Semi-rugged chassis for field use
- Portable to connect directly to a PC over USB3.0
- Small and lightweight
- Easy to install and operate

Kit Includes

- Exfiltration Chassis
- 12V Power Supply with Barrel Connecter
- USB3.0 Cable (interfaces with computers compliant with both USB2.0 and USB3.0)
- VAADR MIL-N and VRMM sold separately

Compatibility

VRMMs Combatible with ExFilt Station

- DDC-VRMM-48-002 (48GB VRMM w/USB2.0)
- DDC-VRMM-128-001 (128GB VRMM w/USB2.0)
- DDC-VRMM-256-001 (256GB VRMM w/USB2.0)
- DDC-VRMM-512-001 (512GB VRMM w/USB2.0)
- DDC-VRMM-768-001 (768GB VRMM w/USB2.0)
- DDC-VRMM-1-001 (1TB VRMM w/USB2.0)
- DDC-VRMM-2-001 (2TB VRMM w/USB2.0)

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Specifications

Power	<25W at 12V DC (8V-16V DC) Power Barrel for Desktop Operation Includes Wall Wart
Input Ports	USB 3.0 Type B "Doghouse" Connector
Interface	Push Button / LED Bar Menu System for Control and Diagnostics MS14108-13 Hooks for Rack Mount or Desktop Use
Performance* * Actual speeds may vary, dependent on PC system interface with Exfiltration system. With the USB3.0 transfer, the PC capabilities may limit its ability to consume the data the ExFilt station provides.	VRMM Standalone Debrief to USB2.0 PC (without ExFilt) Transfer Rate = ~20 MB/s (7.1 Hours Offload for 512 GB) ExFilt Station to USB2.0 PC Transfer Rate = ~40 MB/s (3.5 Hours for 512 GB) ExFilt Station to USB3.0 PC Transfer Rate = 100-200 MB/s (43 minutes to 1.4 Hours for 512 GB)
Dimensions	8.5" x 5.5" x 3.25" (VRMM)
Temperature	-30° to 60 °C (Operational) / -40° to 85 °C (Storage High temperature range can be extended by employing a fan or other suitable cooling system in a rack mount configuration
Weight	3.5 lbs (1.59 kg)

Front Panel

Back Panel