

9440 • Fiber Optic Dual Transport Transmitter

The Cobalt® CYAN 9440 video transceiver for fiber and coax paths supports SMPTE ST2082, ST2081, 424M, 292M, and 259M as well as ASI and MAD1 audio.

Quick Start Guide

Install a 9440 card in an openGear® frame

Figure 1

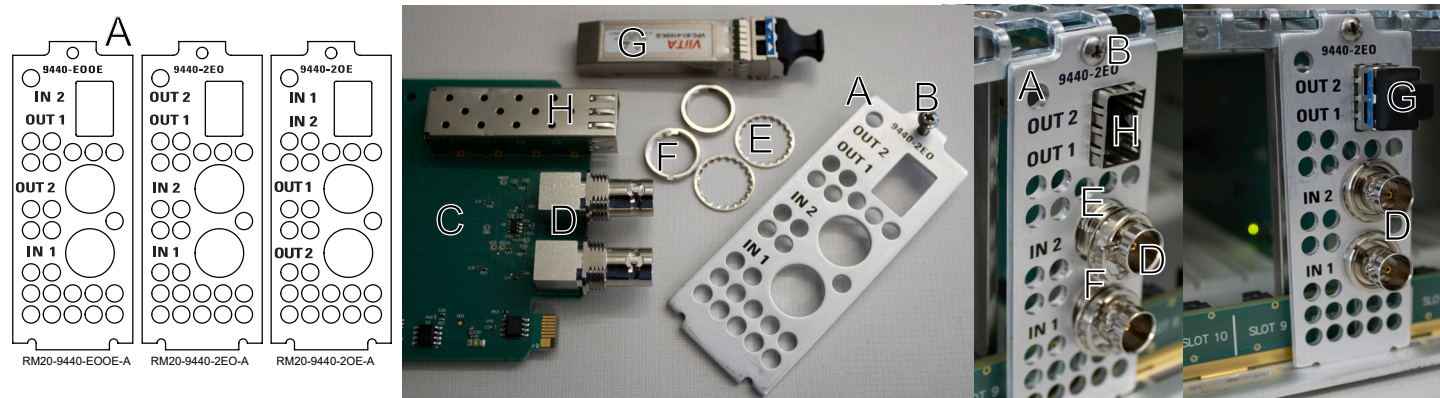
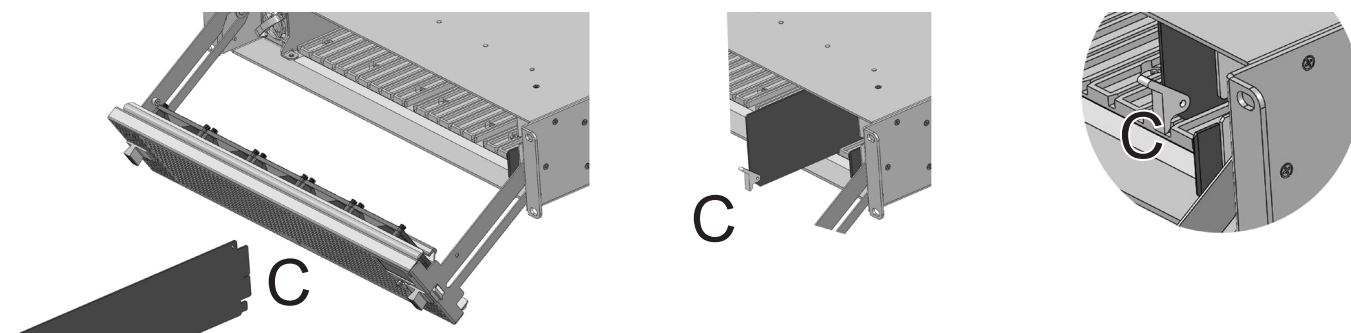


Figure 2



NOTE: If any parts are missing, contact support@cobaltdigital.com for assistance. Before installing the card in the frame, make sure the fiber module is NOT in the SFP cage on the card. The BNC washers and hex nuts vary in appearance from what is shown in this document.

1. Make sure the card (C) matches the 9440 rear plate (Figure 1, Item A, RM20-9440-EOOE-A, RM20-9440-2OE-A, or RM20-9440-2EO-A) that is marked for the Input and Output configuration of the 9440 card.
2. Install the standard-width plate lower tab in the slot in the rear of the frame aligned with the odd-numbered slot selected for the card.
3. Tighten the plate retainer screw (B) into the frame. If there is resistance, restart the screw to avoid stripping the frame screw hole.
4. Install the card (C) in the odd-numbered frame slot (Figure 2) selected for the rear plate.
5. Once the BNC connectors (D) are through the plate, install a washer (E) and a hex nut (F) on each BNC connector to secure the card. Do not overtighten the hex nut on the BNC connector.
6. Install the SFP fiber module (G) in the SFP cage (H) on the card.

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Setting up the Device for Remote Monitoring

Figure 3

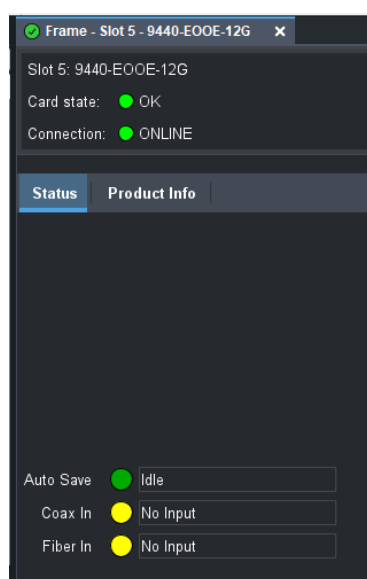


Figure 4

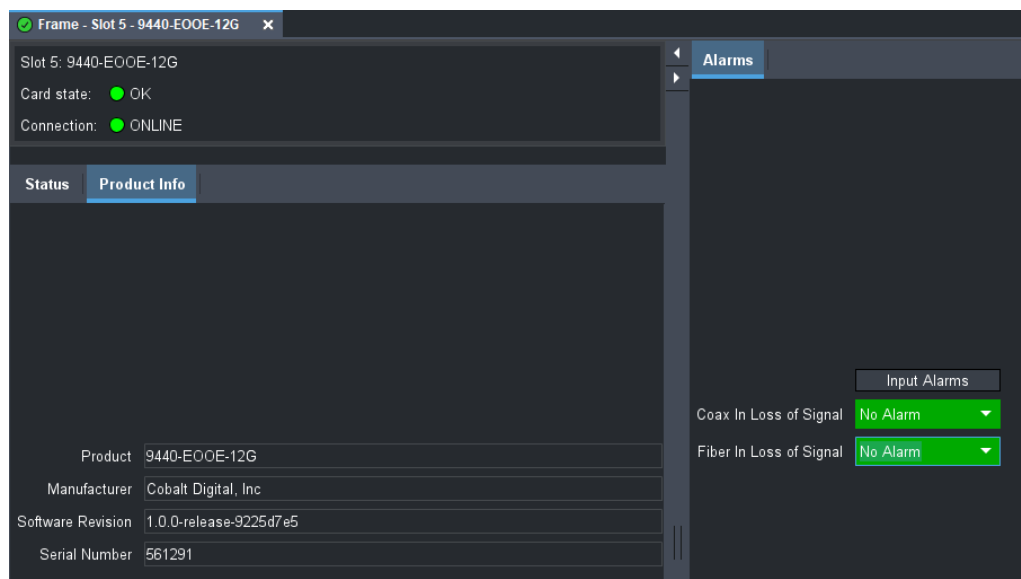
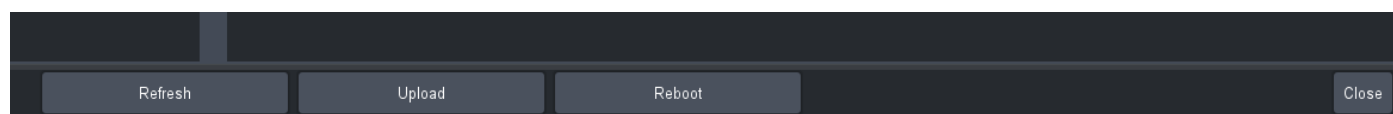


Figure 5



1. Connect optical fiber to the card.
2. Connect cables to the two BNC connectors on the card.
3. While the frame is powered on, connect to the frame using DashBoard™ or a web browser* on a computer connected to the same network as the frame.
4. If the frame shows in the interface, select the 9440 card installed in the frame. If the card does not show, make sure the card is fully seated in the frame.
5. If the card is recognized by the remote control interface, (Figure 3) under the Status tab Auto Save, Coax In, and Fiber In statuses show.
6. Under the Alarms tab (Figure 4), input alarms show, such as Coax In Loss of Signal or Fiber In Loss of Signal.
7. Under the Product Info Tab (Figure 4), a Product character string, Manufacturer name, Software Revision, and Serial Number show.
8. At the bottom of the screen (Figure 5), Refresh, Upload (for firmware update), and Reboot buttons show for operating the card.

*A web interface is only available on Cobalt HPF series frames.