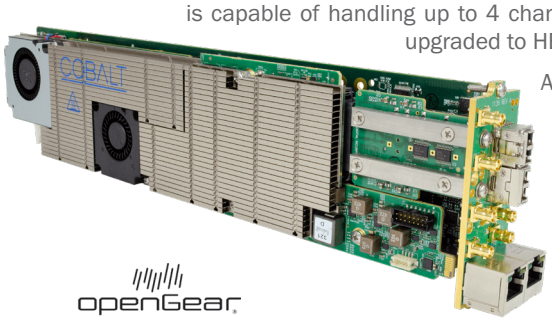
INDIGO 2110-DC-02 ● SMPTE ST 2110 Integrated Support Daughtercard Option for 9992-ENC

The INDIGO 2110-DC-02 is a factory installed add-on option to the Cobalt PACIFIC 9992-ENC openGear® card. This option adds native SMPTE ST 2110 Input support for the 9992-ENC card. Utilizing dual 10G/25G Ethernet interfaces, the INDIGO 2110-DC-02 platform is capable of handling up to 4 channels of 1080p encoding with additional +AVC licenses. The **+AVC** license(s) can be upgraded to HEVC with the **+HEVC** license.



Adding native ST 2110 interfaces to the audio/video processing elements, Cobalt is providing a cost-effective, easily manageable, integrated solution. By natively processing directly over IP, unnecessary complexity and cost is avoided.

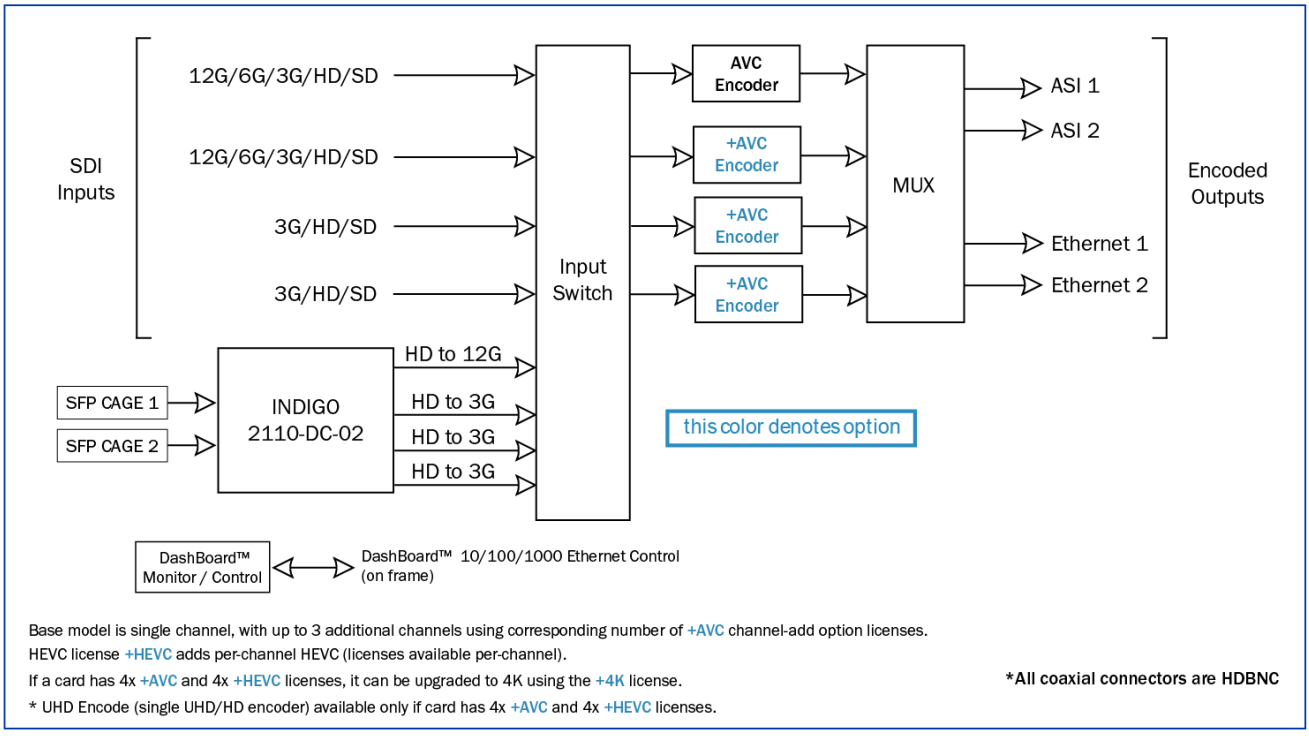
With this INDIGO option, all the advanced processing in the PACIFIC 9992-ENC card is now available with IP inputs.

The INDIGO 2110-DC-02 includes support for ST 2022-7 seamless redundancy switching, as well as IS-04/IS-05 NMOS for automatic discovery and configuration. Added to the host card, this creates a powerful and processing-dense product that is capable of natively processing HD, 3G and 4K IP streams with no quality compromises.

No other solution currently in the market can achieve the density provided by the combination of functionality offered by the **COBALT INDIGO 2110-DC-02** and the **COBALT PACIFIC 9992-ENC** openGear® card.

Features

Highly integrated, factory installed ST 2110 companion for the Cobalt PACIFIC 9992-ENC audio/video processor.	Built in NMOS support offers straightforward interface to an existing network, with auto-discovery by the network management.
Dual 10G/25G Ethernet interfaces supporting 4K signals without the need for any type of compression, as well as ST 2022-7 seamless switching for improved network reliability.	High density, compact openGear® card-based solution, with multiple devices able to be combined into a single oG frame for multi-channel operation, as well as offering the standard features of redundant hot swappable power supplies and hot swappable cards
Up to 4x channels of 1080p encoding with additional +AVC licenses.	**Five-year warranty**



Base model is single channel, with up to 3 additional channels using corresponding number of +AVC channel-add option licenses.
HEVC license +HEVC adds per-channel HEVC (licenses available per-channel).
If a card has 4x +AVC and 4x +HEVC licenses, it can be upgraded to 4K using the +4K license.
* UHD Encode (single UHD/HD encoder) available only if card has 4x +AVC and 4x +HEVC licenses.

***All coaxial connectors are HDBNC**

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Ordering Information

INDIGO 2110-DC-02 Factory installed SMPTE ST 2110 Integrated Support Daughtercard Option for 9992-ENC openGear® card.

Rear I/O Module

RM20-9992-ENC-INDIGO

20-Slot Frame Rear I/O Module (Standard Width)
(2) 12G/6G/3G/HD/SD SDI Coaxial Inputs
(2) 3G/HD/SD SDI Coaxial Inputs
(2) ASI Outputs
(2) GigE Ethernet Media Ports
(2) 10G/25G SFP 28 cage receptacles

*All coaxial connectors are HDBNC type

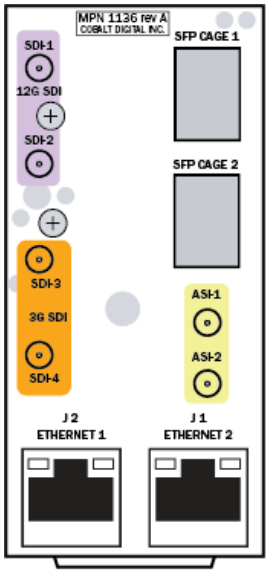
Options sold separately

+AVC
+HEVC
+4K
+MP1L2-AAC
+ENCD-2.0
+ENCD-5.1
+RIST/ARQ-ENC
+2022-FEC
+422-ENC
+SCTE104-TCP

Rear Module

Rear I/O Module

RM20-9992-ENC-INDIGO



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