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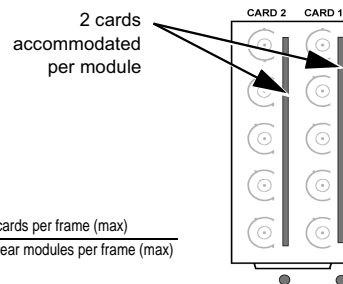
About Rear I/O Modules for Cobalt® Cards

Our wide range of Rear I/O Module choices provide input/output combinations that most closely suit your needs, without wasting frame space for connections you may not need. Described below is a sample of various types of Rear I/O Modules, along with application examples.

Split Rear I/O Module

Split Rear I/O Modules accommodate 2 cards per module (as opposed to a single card per module). The modules provide 5 connections per card and allow the maximum card density when used across the frame. Split rear modules are identified by "S" in the part number (for example, "RM20-9083-AS").

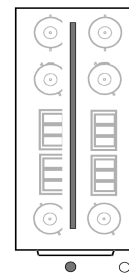
Note: Split rear modules are not available for all cards, and are applicable for 8321-series frame only.



2 cards per rear module
2 card slots used → 20 cards per frame (max)
10 rear modules per frame (max)

Standard-Width Rear I/O Module

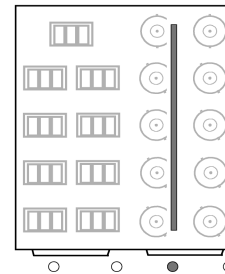
Standard-Width Rear Modules can offer a variety of connection types – all on the same module – including BNC, 3-wire removable Phoenix, and other connector types.



1 card per rear module
2 card slots used → 10 cards per frame (max)
10 rear modules per frame (max)

Double-Width Rear I/O Module

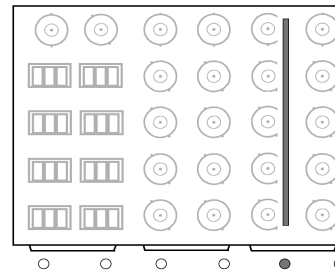
Double-Width Rear Modules offer a very high degree of signal I/O count and types accommodated, and are especially suited for environments where many types of signals require support. Available connections include BNC, 3-wire removable Phoenix, and other connector types.



1 card per rear module
4 card slots used → 5 cards per frame (max)
5 rear modules per frame (max)

Triple-Width Rear I/O Module

Triple-Width Rear Modules are especially suited where large numbers of discrete signals need to be accommodated (such as multiple-channel baseband analog/AES audio and analog video). Available connections include BNC, 3-wire removable Phoenix, and other connector types.



1 card per rear module
6 card slots used → 3 cards per frame (max)
3 rear modules per frame (max)

Note: A frame can be fitted with any mix of the rear module types described here.

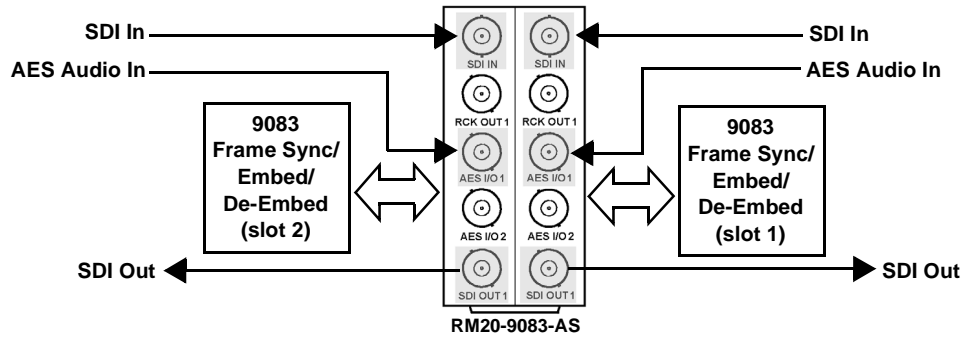
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Choosing a Rear I/O Module to Suit Your Environment and Requirements

The examples here show how to maximize your card's capabilities for your environment and requirements by selecting the right module from the wide range of available Rear I/O Module sizes and types. (Note that these examples represent a small sample of available modules.)

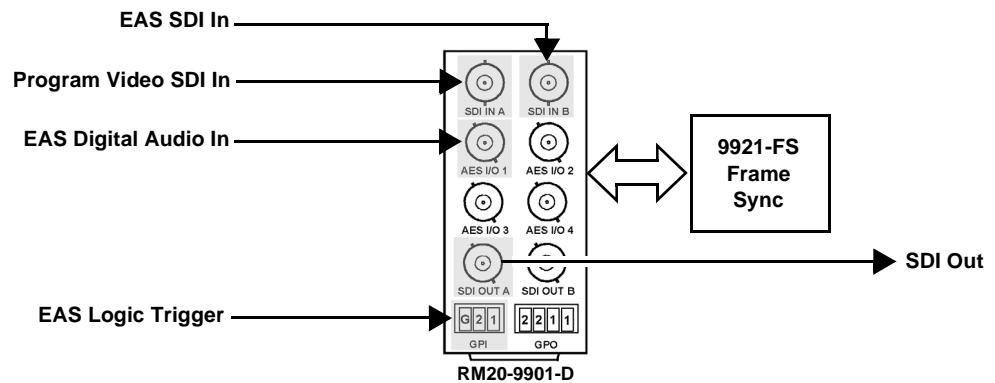
Split Rear I/O Modules provide maximum card density for environments using coaxial connections for SDI and digital audio.

In this example, the right-half of the split module serves card slot 1, and the left-half serves card slot 2.



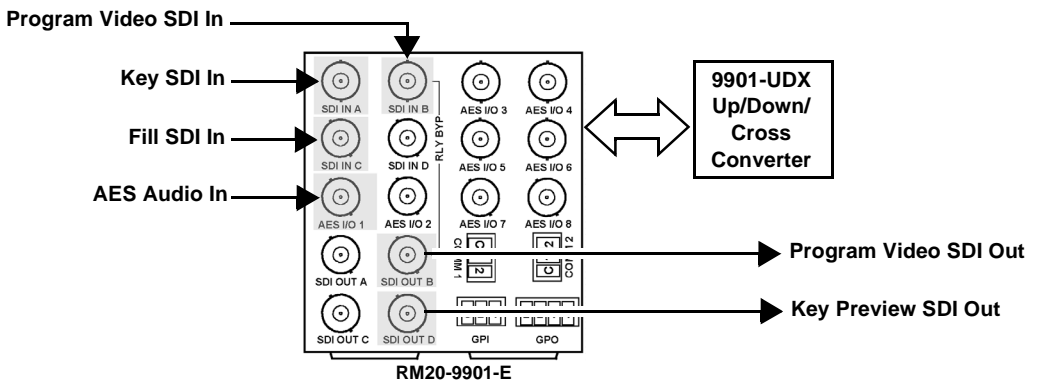
Standard-Width Rear I/O Modules provide a combination of signal types all on one module.

In this example, a GPI-activated Emergency Alert System integration is accommodated using a single space-efficient module.



Double-Width Rear I/O Modules provide the breadth of signal accommodation to fully utilize advanced features of cards such as the 9901-UDX.

This example shows accommodation of key and fill inputs, along with an independent key preview output.



Triple-Width Rear I/O Modules provide the large degree of discrete signal accommodation required for baseband support.

In this example, full analog audio/video input support (concurrent with SDI input/discrete digital audio support) is provided on one module.

