

Data Conversion & Distribution System

MODEL 9200



KEY FEATURES

Multiple Chassis Configurations:
2U 19" Rack-mount Chassis
Holds up to 16 conversion/
distribution modules

**Multiple Daisy-Chain and
Global Busses**

**Convert and distribute the
following signal types: Fiber, TTL,
RS-422, ECL, LVDS, Analog, RS-
232, RS-485, RS-530, Ethernet
(10/100/1000), Video, +++**

Fiber Optic Optical Isolation:
SFP Based, Single Mode &
Multimode

**Unique Conversion / Distribution
Applications**

Power Status Indicators

**Redundant power supply
included**

GENERAL DESCRIPTION

The GDP Space Systems' 9200 Series Data Conversion and Distribution System is a modular product that is scalable and can be user-configured to convert and/or distribute a large selection of data channels.

The 9200 Series units are designed to be a cost-effective and flexible solution to a wide range of signal conversion and distribution applications. The 2U 19" rack mount unit can hold up to 16 various pluggable modules, each with the ability to accept and properly terminate a variety of signal types and then convert these signals to other industry standards.

The chassis also provides a variety of global and daisy-chain busses so that signals can be received by one module and then sent to other modules in the chassis to address signal distribution applications. Figure 1 (page 2) shows a simple block diagram of these chassis functions.

Figure 2 (page 2) shows a simple block diagram example of a typical conversion module. Jumpers are provided to allow any input to be directed to any output on the module. Any input can also be simultaneously directed to any of the daisy chain and global busses for mass distribution. All inputs and outputs can be independently inverted



RELATED PRODUCTS

Receivers	Gateway	Ethernet Recorder	Telemetry Data Processor

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TECHNICAL SPECIFICATIONS

Size:	(W x D x H) 19" x 10.5" x 3.5"; 2U High
Slot:	16 card slots LEDs Power 1, Power 2
Fan:	2 x FAN
Weight:	Single AC Power supply: 9 lbs
Dual AC Power Supply:	10.5 lbs
Power Requirement:	100-240V AC, 1.5A, 50-60Hz, 440Hz
Power Consumption:	10 Watts (1 x power supply, does not include modules) 80 Watts (Full loading)
Operate Environment:	20° to 70°C, 5% to 90%RH
Storage Environment:	40° to 85°C, 5% to 90%RH 2 x Fan

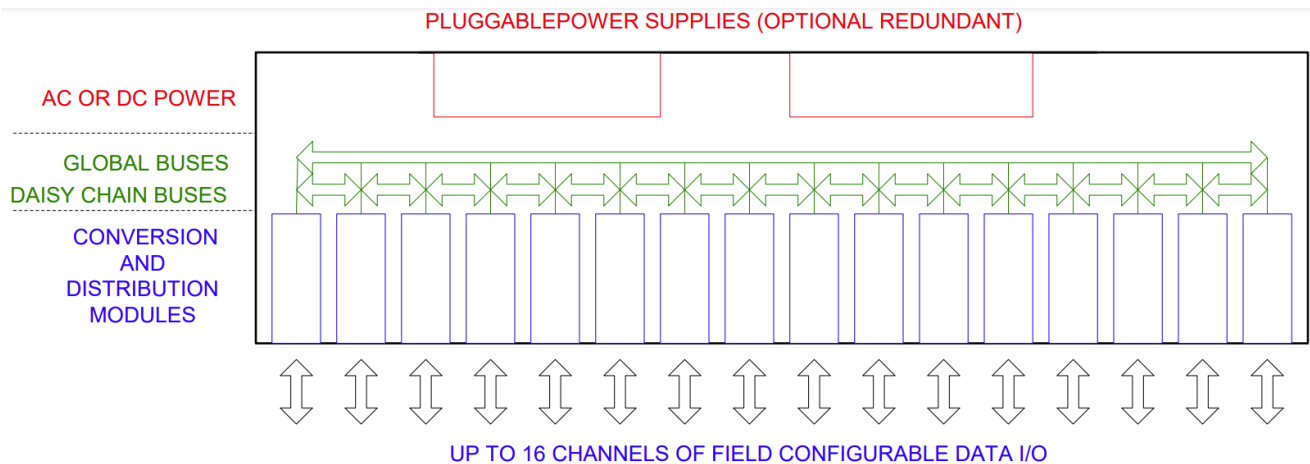


Figure 1

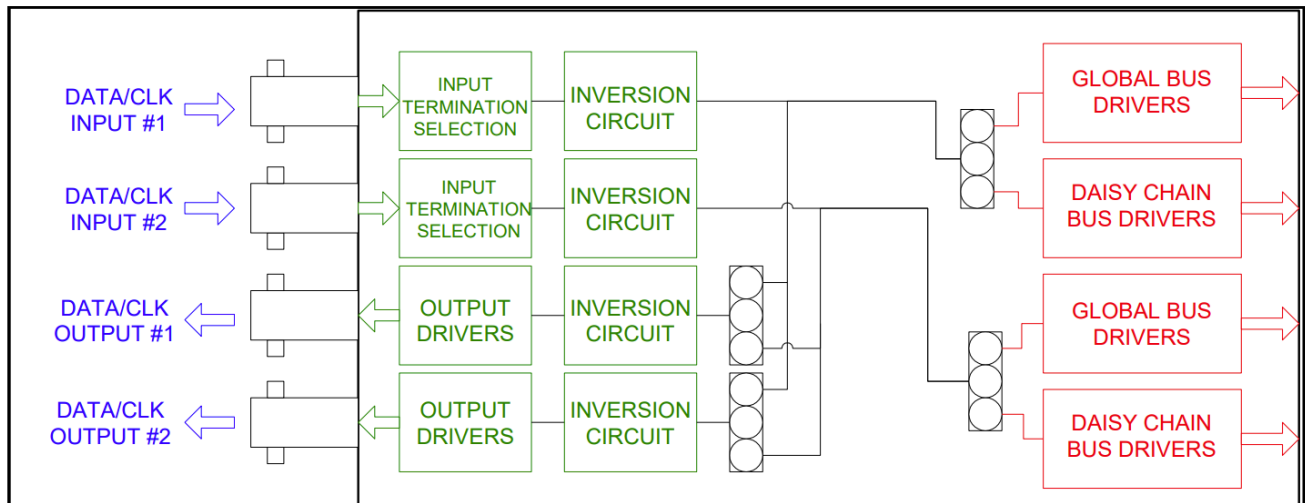


Figure 2

Recognizing that no standard product fits every mission, Delta Telemetry Systems is ready to deliver tailored solutions for your unique application requirements.

Specifications subject to change without notice.