Cobalt introduces the **9941-RTR** series of SDI/ASI/MADI routers for the openGear® form factor. Using the openGear platform, the 9941-RTR series provides a high-density card-based solution that offers unprecedented flexibility and ease of use and integration that makes it an **exclusive** within the openGear platform.

3G/HD/SD-SDI/ASI/MADI versions are available in size from 24x24 I/O to a 12x4 asymmetrical I/O configuration. A 12x4 12G-SDI version is also available. Offering the card-based flexibility and scalability of the openGear form factor, rear I/O modules are also available to suit your I/O requirements. The rear modules are available in standard BNC or high-density DIN 1.0/2.3 and HD-BNC formats.

The 9941-RTR series offer built-in Ethernet ports, as well as multiple serial and GPIO control interfaces. Also supported are easy-to-use JSON-based ReFLEX, SNMP, and third-party router protocols that allow for easy integration with A/V control and automation systems. GUI choices include an integrated HTML-5 Web server and support for the DashBoard™ control system, allowing users to design custom control panels that provide the most intuitive remote control and monitoring interfaces possible.

DashBoard user matrix provides easy to use manual routing setup. Routing setups can be saved as presets, allowing one-button engage with DashBoard or OGCP-9000 Remote Control Panel. Full user DashBoard™ and Remote Control Panel remote control allows full setup, status, and local control across a standard Ethernet network.
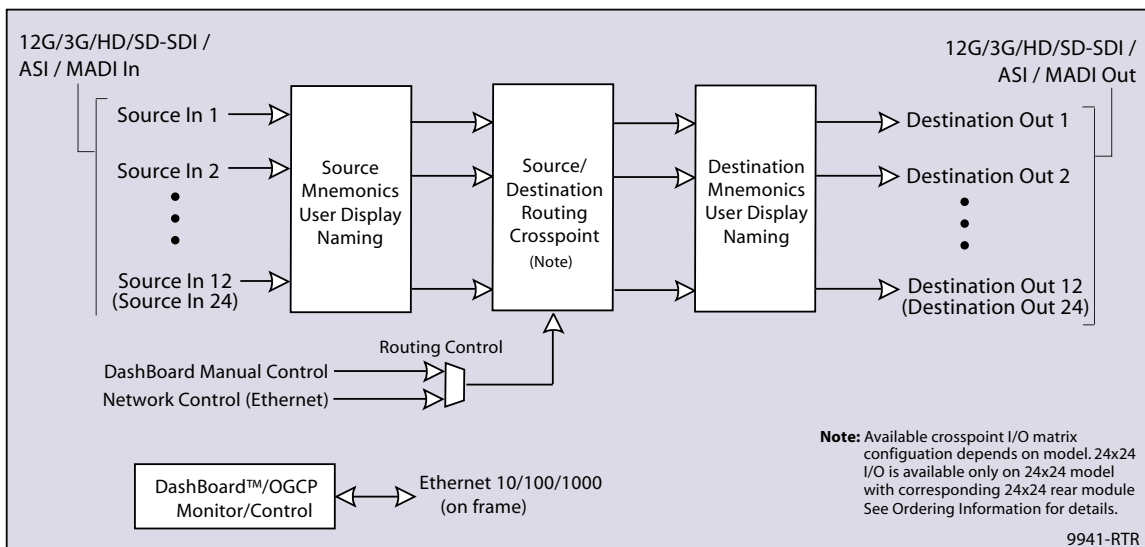
FEATURES

Exclusive openGear card-based scalable router solution

High-density design in openGear form offers compact 2RU solution

Available in several matrix sizes with rear IO modules suited to your requirements

Flexible control/monitoring options including Ethernet, JSON-based ReFLEX, SNMP, and third-party router protocols

Fully embedded software/processing platform with all processing done locally on card

Supports software upgrades allowing expanded functionality without removing cards and minimal disruption

DashBoard™ remote control status monitoring and setup/control
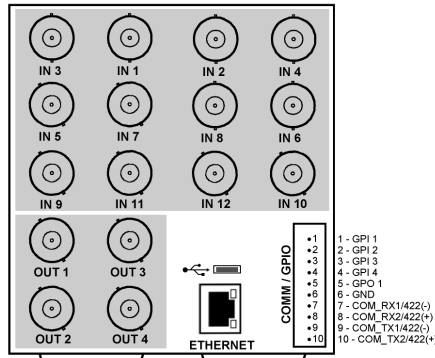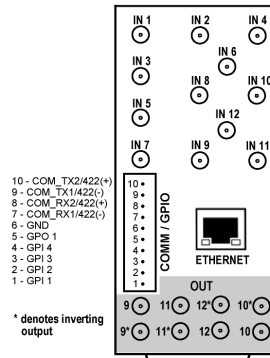
Five year warranty

9941-RTR Models

- **9941-RTR-12x4-12G**   12G (and lower) 12x4 Router
- **9941-RTR-12x4-3G**   3G/HD/SD-SDI / ASI / MADI 12x4 Router
- **9941-RTR-12x12-3G**   3G/HD/SD-SDI / ASI / MADI 12x12 Router
- **9941-RTR-24x24-3G**   3G/HD/SD-SDI / ASI / MADI 24x24 Router

openGear®

RM20-9941-12X4-A-BNC

RM20-9941-12X4-A-DIN
RM20-9941-12X4-A-HDBNC

RM20-9941-12X4-B-DIN
RM20-9941-12X4-B-HDBNC

* denotes inverting output
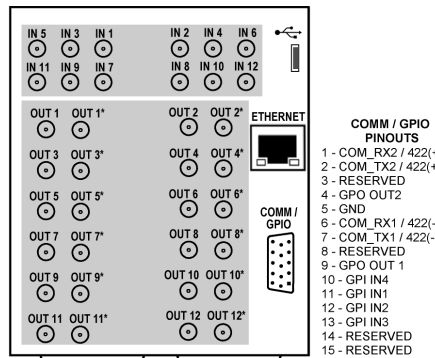
RM20-9941-12X12-A-DIN
RM20-9941-12X12-A-HDBNC
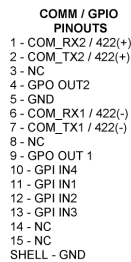
RM20-9941-24X24-A-HDBNC

ORDERING INFORMATION

9941-RTR-12x4-12G   12G/3G/HD/SD-SDI / ASI / MADI 12x4 Router

9941-RTR-12x4-3G   3G/HD/SD-SDI / ASI / MADI 12x4 Router

9941-RTR-12x12-3G   3G/HD/SD-SDI / ASI / MADI 12x12 Router

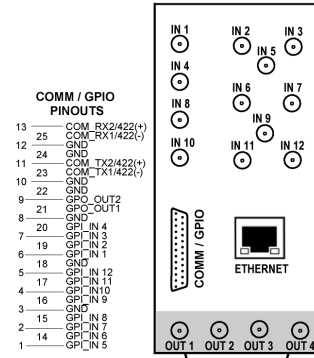**9941-RTR-24x24-3G**   3G/HD/SD-SDI / ASI / MADI 24x24 Router

Note: For rear modules below specified available as DIN1.0/2.3 or HD-BNC, only HD-BNC models are compatible with 12G-SDI use.

RM20-9941-12X4-A-BNC   20-Slot Frame Rear I/O Module (Double Width). (12) SDI/ASI/MADI BNC coaxial inputs, (4) SDI/ASI/MADI BNC coaxial outputs, COMM/GPI connector, 100/1000 BaseT Ethernet Port, USB port (type A, reserved) (All coaxial connectors BNC.)

RM20-9941-12X4-A-DIN   20-Slot Frame Rear I/O Module (Standard Width). (12) SDI/ASI/MADI coaxial inputs, (4) SDI/ASI/MADI coaxial outputs, (4) router output copy coaxial connectors, COMM/GPIO connector, 100/1000 BaseT Ethernet Port (All coaxial connectors DIN1.0/2.3.)

RM20-9941-12X4-A-HDBNC   20-Slot Frame Rear I/O Module (Standard Width). (12) SDI/ASI/MADI coaxial inputs, (4) SDI/ASI/MADI coaxial outputs, (4) router output copy coaxial connectors, COMM/GPIO connector, 100/1000 BaseT Ethernet Port (All coaxial connectors HD-BNC.)

RM20-9941-12X4-B-DIN   20-Slot Frame Rear I/O Module (Standard Width). (12) SDI/ASI/MADI coaxial inputs, (4) SDI/ASI/MADI coaxial outputs, COMM/GPIO connector (12 GPI IN; Micro D25 female connector), 100/1000 BaseT Ethernet Port (All coaxial connectors DIN1.0/2.3.)

RM20-9941-12X4-B-HDBNC   20-Slot Frame Rear I/O Module (Standard Width). (12) SDI/ASI/MADI coaxial inputs, (4) SDI/ASI/MADI coaxial outputs, COMM/GPIO connector (12 GPI IN; Micro D25 female connector), 100/1000 BaseT Ethernet Port (All coaxial connectors HD-BNC.)

RM20-9941-12X12-A-DIN   20-Slot Frame Rear I/O Module (Double Width). (12) SDI/ASI/MADI coaxial inputs, (12) SDI/ASI/MADI coaxial outputs, (12) router output copy coaxial connectors, COMM/GPIO connector, 100/1000 BaseT Ethernet Port, USB port (type A, reserved) (All coaxial connectors DIN1.0/2.3.)

RM20-9941-12X12-A-HDBNC   20-Slot Frame Rear I/O Module (Double Width). (12) SDI/ASI/MADI coaxial inputs, (12) SDI/ASI/MADI coaxial outputs, (12) router output copy coaxial connectors, COMM/GPIO connector, 100/1000 BaseT Ethernet Port, USB port (type A, reserved) (All coaxial connectors HD-BNC.)

RM20-9941-24X24-A-HDBNC   20-Slot Frame Rear I/O Module (Triple Width). (24) SDI/ASI/MADI coaxial inputs, (24) SDI/ASI/MADI coaxial outputs, COMM/GPIO connector, 100/1000 BaseT Ethernet Port, USB port (type A, reserved) (All coaxial connectors HDBNC.)