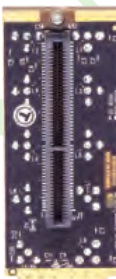


Ten Card Slot 2RU Frame

The 2RU openGear™ modular frames are designed to accommodate up to ten openGear™ cards and provide maximum application flexibility. The 8310-C-BNC frame has the simplicity of a fixed rear connector frame with 100 BNC connectors. This eliminates the need for separate slot-dependent rear modules and simplifies pre-wiring and system expansion. Any openGear™ card using BNC connectors can be installed into any slot. Unused slots can be pre-wired into a facility, and additional cards can be installed at any time without accessing the rear of the frame. The 8310-C frame on the other hand has the flexibility of independent rear modules for applications where other types of I/O connections (such as twisted-pair audio or fiber interfaces) are necessary. The frame also supports slot-dependent rear I/O modules. Rear modules can be ordered with card modules and are quick and easy to install. The openGear™ frames have been designed with an advanced cooling architecture and include front-door



Modular Rear I/O



mounted fans providing forced air cooling for all cards and additional cooling for the power supplies. The intelligent fan controller adjusts fan speed with changes in frame power loading or temperature. Particular attention has been paid to frame acoustics in order to keep fan noise to a minimum.

Two looping reference inputs are buffered and distributed to all card slots.

A frame mounted Ethernet port allows a network control module to be added without occupying a module slot.

A SMPTE 269M alarm monitoring connection is also provided.

The frame can accommodate two front-loaded power supplies. Although a single supply can fully power a loaded frame, the addition of a second (optional) supply gives the frame full power redundancy. Each supply is fed by a separate power cord with a PowerLock

cord retainer to guard against accidental power loss. Each power supply contains an independent cooling fan, status LED and a front-mounted power switch. One PS-8300 power supply is standard with each openGear™ frame.

openGear™ Frame Features

- 8310-C-BNC frame has fixed 100-BNC rear panel
- 8310-C has modular I/O panels for connector flexibility
- Two independent looping reference inputs feed all module slots
- SMPTE alarm interface for simple monitoring
- Robust 150 watt power supply with integral cooling fan
- Optional redundant power supply is hot-swappable for 24/7 operation
- Power switch is accessible from the front of the rack frame
- Power supplies replaceable from the front of the frame
- Separate power cords to each supply for power feed redundancy
- Power lock cord retainer guards against accidental power loss
- Fan fail and error indicator LEDs on front of the frame
- Optional Ethernet based frame controller (8310-N) for remote setup, monitoring, and control
- Heavy duty hinged front door panel lowers to allow easy card insertion
- The frame and electronics have a five year warranty, the fans and power supplies have a one year warranty



Back View



openGear™ frame part number 8310

Features and specifications subject to change without notice



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