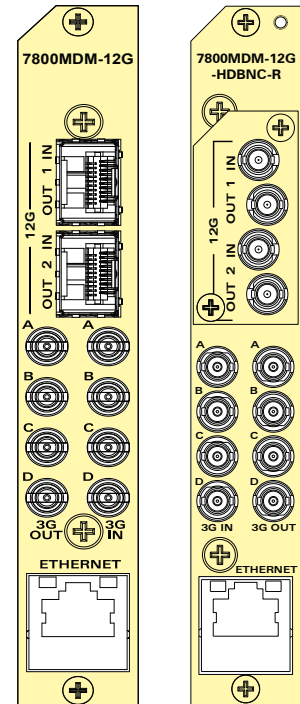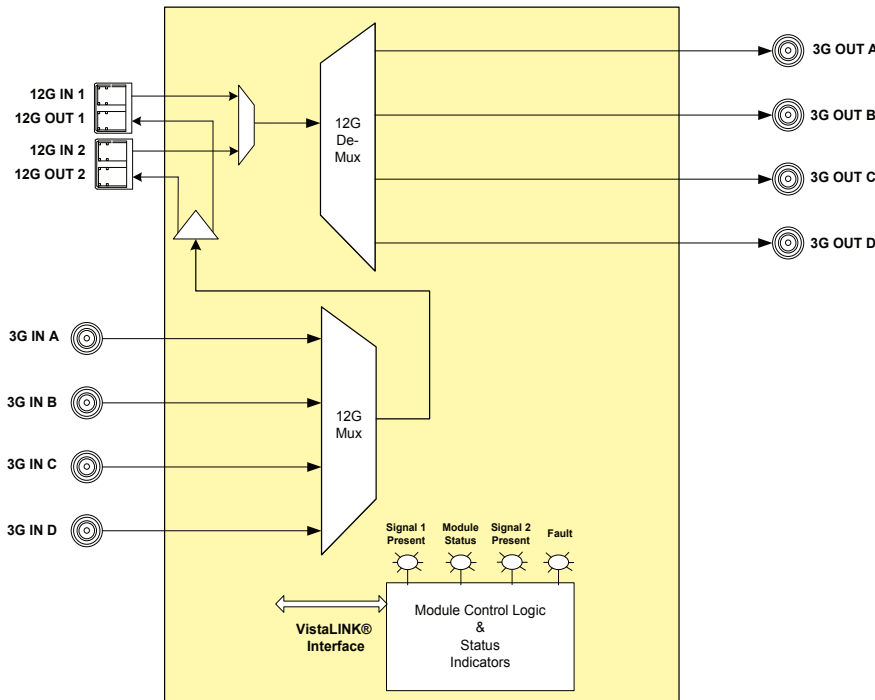# 7800MDM–12G
12G to/from Quad–Link 3G Bi–Directional Converter for UHD Signals

With many UHD signals still existing as quad–link 3G, there is a real need to provide high density 12G–SDI conversions. The 7800MDM–12G is a bi–directional multiplexer/de–multiplexer for converting UHD signals between quad–link 3G and 12G–SDI. Being able to do transformations in both directions, and taking only a single slot in a 7800 series frame, provides the high density broadcasters need during the transition phase to 12G–SDI.

▶Features & Benefits

- Converts between 12G (SMPTE ST 2082) SDI and Quad–Link 3G SDI
- Support for Level A and B 3G–SDI presented as both Quad–Division and 2SI UHD signals
- Bi–directional — a single card can be used to wrap a device with both inputs and outputs
- Modular and front accessible — can be hot–swapped without decabling
- High Density — bi–directional conversion on a single–slot card, 14 cards per frame

- Dual 12G–SDI input (software selectable as to source) and dual 12G outputs for signal distribution when equipped with optional second input SFP
- VistaLINK®–capable for remote monitoring, control and configuration capabilities via SNMP using VistaLINK® PRO, CP–2116E or CP–2232E Control Panels. VistaLINK® is available when modules are used with the 7800FR or 7801FR with 7800/7801FC frame controller installed.
- Web GUI for remote monitoring, control and configuration capabilities when modules are used with the 7800FR or 7801FR with 7800/7801FC frame controller installed.

▶Ordering Information

7800MDM–12G	12G to/from Quad–Link 3G Bi–Directional Converter for UHD Signals (Note: SFP's for 12G I/O sold separately, see below)
7800MDM–12G–HDBNC–R	
	12G to/from Quad–Link 3G Bi–Directional Converter for UHD Signals with removable HD–BNC modules (SFP not required)

SFP Modules for 12G In/Out (sold separately):

SFP3TR–13–12G	Fiber transmitter/receiver SFP module, 13nm optical output
SFP3TR–12G–DIN	12G coaxial SFP transceiver, DIN 1.0/2.3 connectors

Rear Plate Suffix:

+3RU	3RU Rear Plate

Enclosures:

7800FR	3RU Multiframe which holds up to 15 single slot modules
7800FR–QT	3RU Multiframe which holds up to 15 single slot modules, low noise
7801FR	1RU Multiframe which holds up to 4 single slot modules or two dual slot modules

The Complete Solution Provider

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