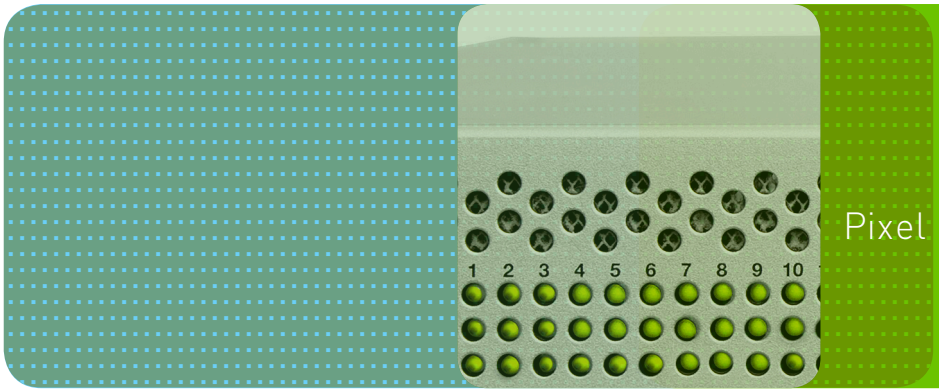


MEDIA LINKS®
Pixel Perfect Delivery

MD8200
Local Video Access Platform

High Density Video Network adapter with Data Transport

FUNCTIONS

- 16 DVB-ASI ports (In/Out Switchable)
- 6 User Ethernet ports
- Supports Uncompressed HD or SDI Direct Encapsulation
- Accepts DVB-ASI Burst and Byte Mode
- Fast Protection Switching

FEATURES

- Unicast, Multicast and Multiple Unicast transmission
- Supports 802.1Q and 802.1P Tagging
- SMPTE 2022 compliant for DVB-ASI streams
- DVB-ASI provisioned at .5 Mb
- Web browser & SNMP control and management

APPLICATIONS

- Carrier Class Media Networks
- High Performance Studio Interconnects
- Flawless Contribution Video Transport
- Reliable Content Delivery Systems
- Integrated Live, Recorded and File-Based Communications

The most flexible, cost effective video and data networking solution combining Ethernet and multiple standard definition (SD) or high definition (HD) ASI transport streams over dual redundant SONET, SDH, PDH and Ethernet network interfaces.

The MD8200 supports up to 16 DVB-ASI interfaces configurable for send or receive operation through an easy-to-use, SNMP compliant, web accessible GUI interface. Standards based transport stream encapsulation with FEC per the SMPTE 2022-1/2022-2 (Pro MPEG CoP3) and DVB-ASI granularity provisioned at .5 Mb increments from 1 Mbps up to 212 Mbps.

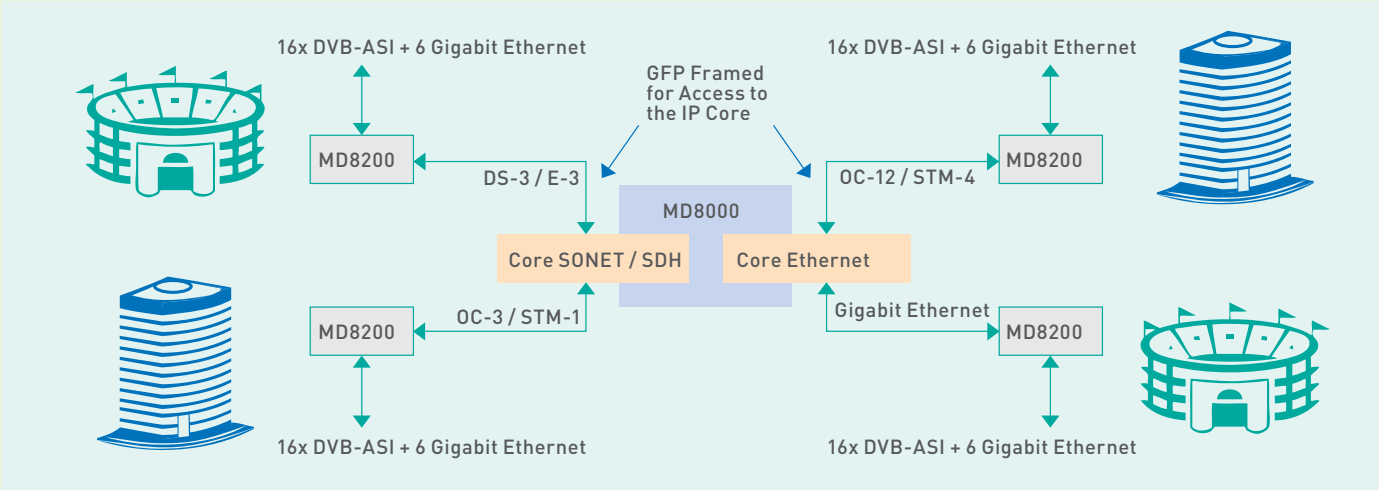
Designed with 6 Gigabit Ethernet user interfaces, the MD8200 is able to dynamically manage the data traffic at a lower priority than the video traffic. Port based VLAN tagging allows the video traffic to be prioritized at a higher level preventing loss of video in the event of congestion. High priority Ethernet traffic can be prioritized at the highest level to ensure QOS through the MD8200.

The MD8200 supports Unicast, Multicast and Multiple Unicast transmissions through IP based network.

The MD8200 sets the stage for convergence between SONET/SDH and IP based networks with the use of the ITU-T G.7041 Generic Framing Protocol. GFP provides an efficient method of mapping Ethernet packets into SONET/SDH and at the same time, the Service Provider is able to generate more revenues from the same infrastructure.

The MD8200's flexible architecture provides redundant or dual network interfaces. The NIC Port 1 is selectable between DS-3/E3, OC-3/STM-1, OC-12/STM-4 or 100/1000 BaseT Ethernet. NIC Port 2 is selectable between OC-3/STM-1, OC-12/STM-4 or 100/1000 BaseT Ethernet.

MD8200



SPECIFICATIONS

General	Dimensions		44,45H x 444,5W x 345D [mm] 1.75H x 17.5W x 13.58D [inch] 1 RU for 19" Rack Mount, Half Rack Width
	Weight		6,8 kg / 15 lbs.
	Ambient Operating Temperature		0 °C to + 55 °C
AC	Input Voltage		90 to 240 V at AC (50 / 60Hz)
	Power Consumption		150 watts or less
Connectors	Access Interface	(16) BNC	Configurable for DVB-ASI Input or Output
		(6) Ethernet	(4) RJ-45 Copper / (2) LC Optical SFP
	Network Interface	(2) LC Optical SFP	OC-3/STM-1, OC-12/STM-4 and Gigabit Ethernet
		(2) BNC	DS-3 / E3 Copper
	Misc.	Subminiature D	External Clock Input & Alarm Output
		RJ-45	Control Port for provisioning PC & Factory Maintenance Port

Specifications subject to change

ORDERING INFORMATION

ORDERING INFORMATION	ORDER CODE
1RU, 16 DVB-ASI + 6 Ethernet User interfaces. Selectable DS-3/E3, OC-3/STM-1, OC-12/STM-4 and Gigabit Ethernet Network Interfaces.	MD8200-1RU-AC

* Optical SFP Interfaces sold separately.

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