

The EQX-OP18-IPG is a 18 channel hybrid EQX output module that provides a gateway into IP infrastructures. Featuring 18 video channels for IP encapsulation and SDI output, it includes audio embedders that can seamlessly mix in packetized TDM audio from Evertz EMR-AUDIO router. With the +OP18-CS license option enabled the EQX-OP18-IPG will be enhanced with 18 independent line sync paths that have the ability for clean and quiet video switching. The +OP18-FSE license option will provide 18 independent paths that can be selected as line or Frame sync paths.

The EQX output IP gateway module fully future-proofs new and existing EQX routers, by allowing the EQX to have an integrated direct physical link from a

SDI facility into an IP infrastructure. With MAGNUM Unified Control System at the helm for orchestration of the signal flow, its industry-leading SRC/DST operator controls and workflows abilities, we are left with a smooth complete integration solution for hybrid SDI/IP infrastructures.

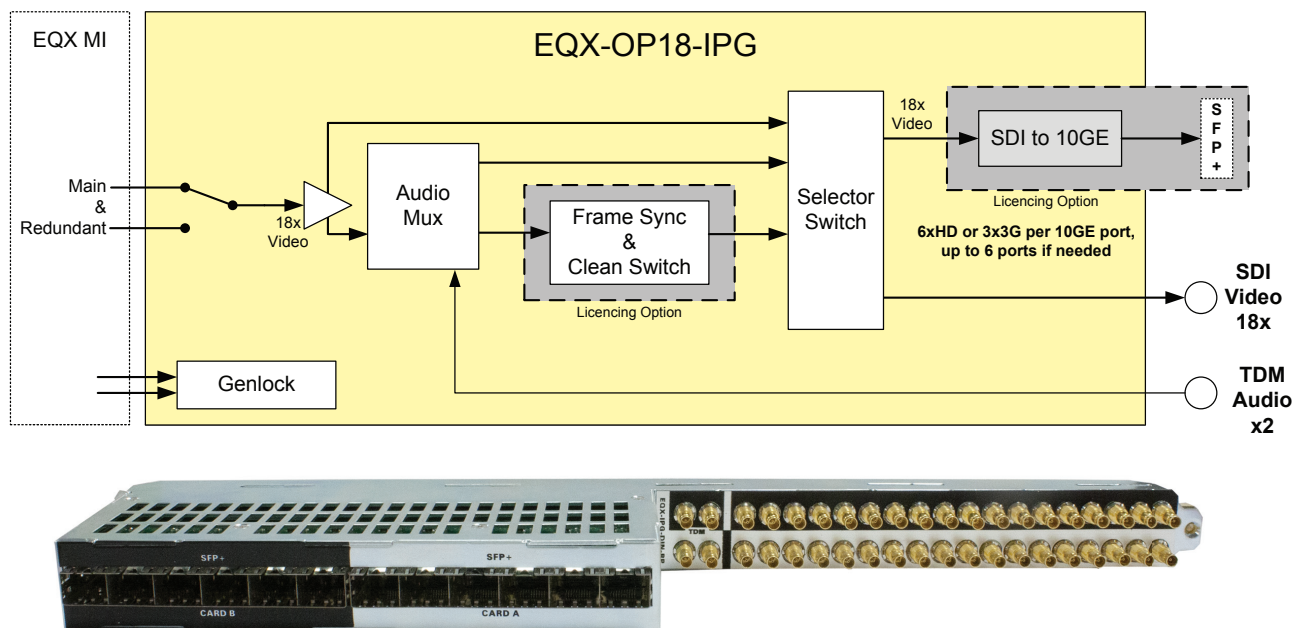
Like all other EQX modules, the EQX-OP18-IPG is cooled by the EQX-FAN-BIN, fully hot-swappable and accessed from the front of the EQX frame. The EQX router can be loaded with a maximum of 32x EQX-OP18-IPG modules providing square and non-square matrix configurations. For added system flexibility the EQX-IPG-DIN-RP can be used with a standard 18-output 3G and HD Green modules utilizing our IP-ready adapter module.

Features & Benefits

- 18x SD/HD/3G SDI outputs
- 18x uncompressed IP outputs (encapsulators)
- 10GbE interfaces
- Full Audio mux (AVOP) for all outputs (SDI or IP), TDM from ADMX TDM packet router so that embedded or discrete audio inputs can be embedded on a per-channel basis.
- Control is made simple using MAGNUM Unified Control System
- *** Fully compatible with all EQX frame models**

* Full frame or line sync for all outputs (SDI or IP, 18 total)

- 4 additional frames of delay can be added
- Output phase adjustment with respect to reference
- Output expansion in increments of 18, from 18 through to 576
- Access to all modules from front of the EQX
- All modules are hot-swappable
- Fan cooled by EQX-FAN-BIN



Specifications

Video Output:	TDM Input:	Ethernet Interface:
Formats: SMPTE ST 259, SMPTE ST 292-1, SMPTE ST 424, SMPTE ST 2022-6, ASPEN, SMPTE ST 2110	Number of TDM inputs: 2	Ethernet/IP Signaling: Multicast IGMP V2/V3
Number of outputs: 18		Connectors: 6 SFP+
		Physical Module (number of slots in EQX Frame): 1

Ordering Information

EQX-OP18-IPG	EQX Output and IP Gateway Module	Licencing options:
SFP+ Modules:	Contact factory for additional interface options	+10GE IP encapsulation
+SFPTR13-10G	10GbE optical 1310nm Network Transceiver	+OPCS Line buffering mode allowing for clean and quiet switching
		+OPFS Line/Frame sync modes allowing for clean and quiet switching
Rear Panel:		Future-proofing IP-ready solution using standard input card and IPG RP, please contact factory for details.
EQX-IPG-DIN-RP	Supports up to 2 EQX-IP18-IPG	

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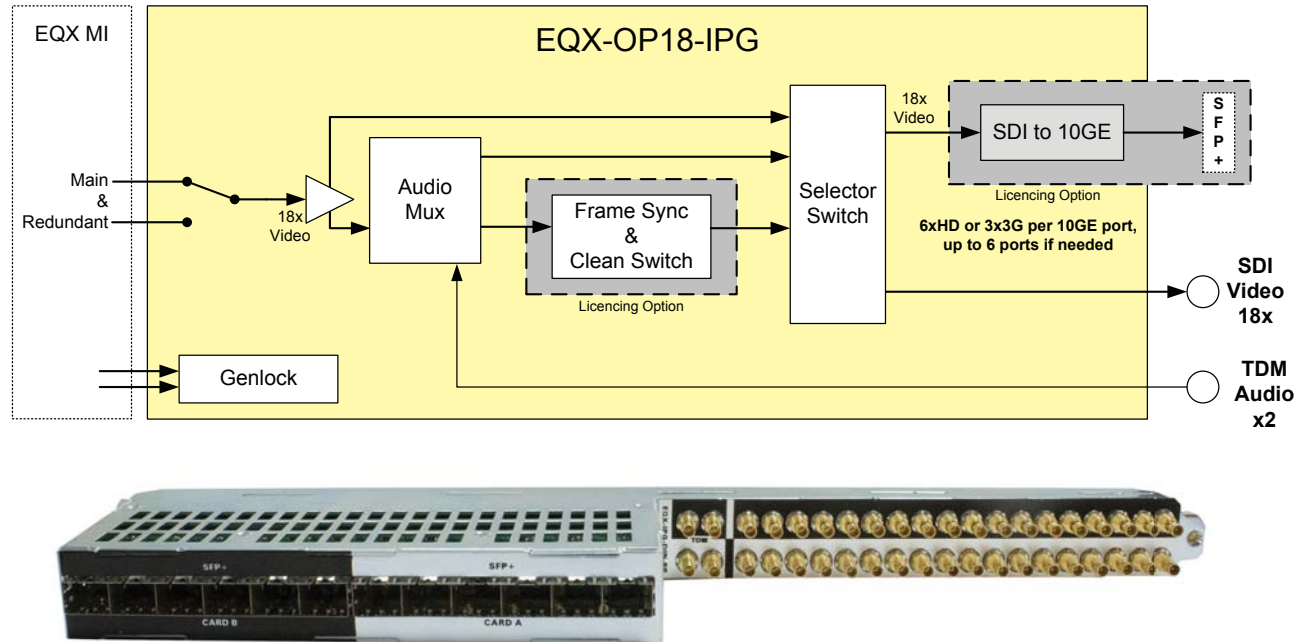
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Like all other EQX modules, the EQX-OP18-IPG is cooled by the EQX-FAN-BIN, fully hot swappable and accessed from the front of the EQX frame. The EQX router can be loaded with a maximum of 32 EQX-OP18-IPG modules providing square and non-square matrix configurations. For added system flexibility the EQX-IPG-DIN-RP can be used with a standard 18 output 3G and HD Green modules utilizing our IP ready adapter module.

Features & Benefits

- 18 SD/HD/3G SDI outputs
 - 18 uncompressed IP outputs (encapsulators)
 - 10GbE interfaces
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SFP+ Modules: +SFPTR3-10G	10GE optical 1310nm Network Transceiver Contact factory for additional interface options	
Rear Panel: EQX-IPG-DIN-RP	Supports up to 2 EQX-IP18-IPG	<i>Future proofing IP ready solution using standard Output card and IPG RP please contact factory for details</i>

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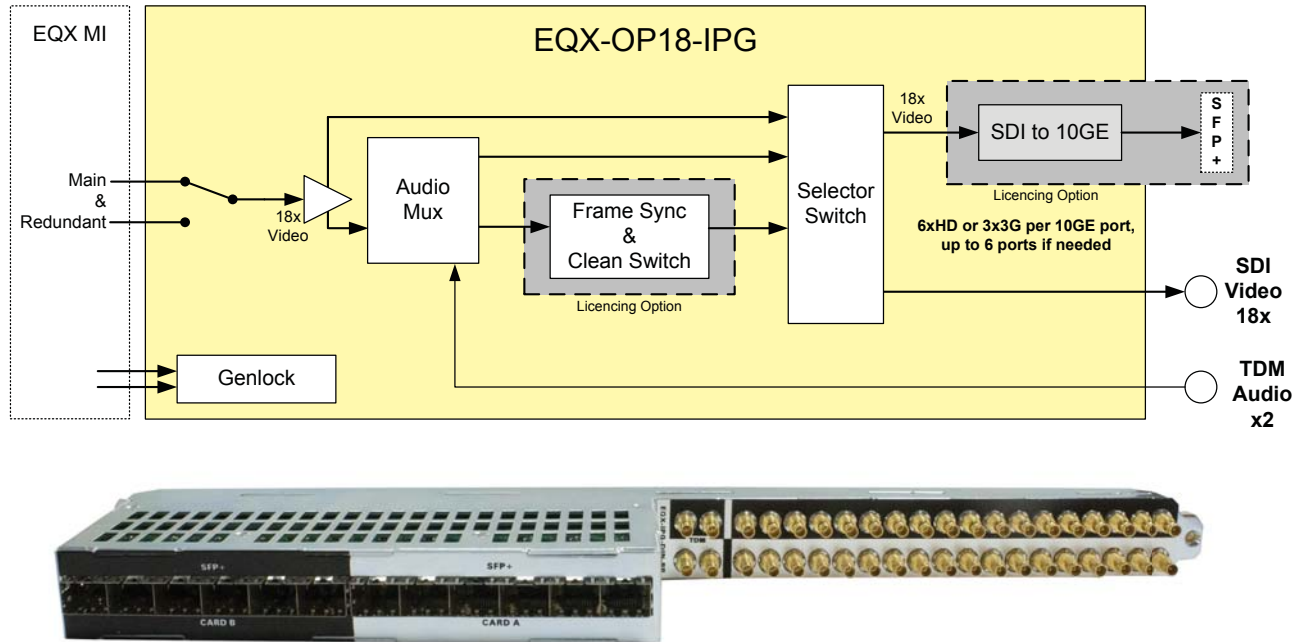
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SFP+ Modules: +SFPTR13-10G	10GE optical 1310nm Network Transceiver Contact factory for additional interface options	
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The EQX output IP gateway module fully future proofs new and existing EQX routers, by allowing the EQX to have an integrated direct physical link from a SDI facility into an IP infrastructure. With MAGNUM Unified Control System

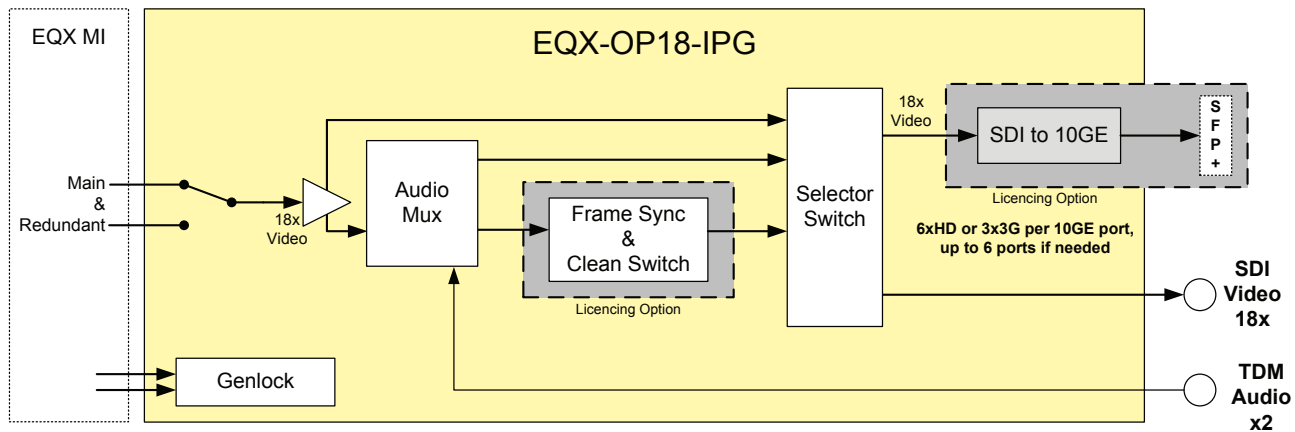
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		Ethernet/IP Signaling: Multicast IGMP V2/V3		
		Connectors: 6 SFP+		

Ordering Information

EQX-OP18-IPG	EQX Output and IP Gateway Module	Licencing options:
SFP+ Modules:		+10GE (IP encapsulation)
+SFPTR13-10G	10GE optical 1310nm Network Transceiver Contact factory for additional interface options	+ EQX-OP18-IPG-FK-HES (Frame Sync, Delay & Clean/Quiet video switching)
Rear Panel:		<i>Future proofing IP ready solution using standard Output card and IPG RP please contact factory for details</i>
EQX-IPG-DIN-RP	Supports up to 2 EQX-IP18-IPG	