

EQX Input & Output 4GB Module



EQX-IP18-4GB-F1

Is an EQX input module that consists of four 12G-SDI or eighteen 3G-SDI channels of adaptive cable equalization which feed the incoming signal directly through to the crosspoint modules. This module can accommodate 4K 2SI signal over a single 12G stream in an existing EQX system. The 2SI auto detection functionality will automatically gearbox the 12G input into four consecutive 3G input streams.

Ordering Information:

Rear Panels (included with Module):

EQX-IP-4GB-F1-RP Fiber rear plate supports up to 2 EQX-IP18-4GB

SFP Modules:

SFP1R-2 Dual Optical SFP Receiver, Up to 3GB/s

SFP3R-2-12G-R Dual Optical SFP Receiver with integrated reclocker, Up to 12GB/s

EQX-OP18-4GB-F1

Is an EQX output module comprised of four 12G-SDI or eighteen 3G-SDI reclocked output channels fed from the crosspoint modules. This module can gearbox four consecutive 3G signals in to a single 12G-SDI 2SI output over fiber which will provide greater density and longer distance.

Ordering Information:

Rear Panels (included with Module):

EQX-OP-4GB-F1-RP Fiber rear plate supports up to 2 EQX-OP18-4GB

SFP Modules:

SFP1T13-2 Dual Optical SFP Transmitter, Up to 3GB/s, 1310nm

SFP3T-2-12G-R Dual Optical SFP Transmitter with integrated reclocker, Up to 12GB/s

EQX Audio Video Processor 4GB Module



EQX-IP16AD-4GB-2TDM

Is an EQX input module that consists of four 12G-SDI or sixteen 3G-SDI channels of adaptive cable equalization which feed the incoming signal directly through to the crosspoint modules. This module also de-embeds the audio from all 4 or 16 inputs and multiplexes them onto 2 TDM streams and either TDM streams can be used as the primary or redundant since they are identical. This module can accommodate 4K 2SI signal over a single 12G stream in an existing EQX system. The 2SI auto detection functionality will automatically gearbox the 12G input into four consecutive 3G input streams.

Ordering Information:

Rear Panels (included with Module):

EQX-IP-4GB-2TDM-RP Fiber rear plate supports up to 2 EQX-IP16AD-4GB-2TDM

SFP Modules:

SFP1R-2 Dual Optical SFP Receiver, Up to 3GB/s

SFP3R-2-12G-R Dual Optical SFP Receiver with integrated reclocker, Up to 12GB/s

EQX-OP16AE-4GB-2TDM

Is an EQX output module which is comprised of four 12G-SDI or sixteen 3G-SDI reclocked output channels fed from the crosspoint modules. This module also de-multiplexes audio from TDM input 1 or 2 streams and re-embeds them into video. EQX-OP16AE-4GB-2TDM can gearbox four consecutive 3G signals in to a single 12G-SDI 2SI out over fiber which provides greater density and longer distance.

Ordering Information:

Rear Panels (included with Module):

EQX-OP-4GB-2TDM-RP Fiber rear plate supports up to 2 EQX-OP16AE-4GB-2TDM

SFP Modules:

SFP1T13-2 Dual Optical SFP Transmitter, Up to 3GB/s, 1310nm

SFP3T-2-12G-R Dual Optical SFP Transmitter with integrated reclocker, Up to 12GB/s

Licensing Options:

EQX-OP16AE-FK-HSS Clean switch option on the video output

EQX FAMILY - INPUT & OUTPUT FLEXIBILITY

The EQX offers four different frame sizes to choose from in order to meet the requirements of any application. Our new smaller 10RU frame supports 180x180 or 180x360 using Double Density outputs (plus X-LINK outputs). The half 16RU frame supports 288x288 or 288x576 using Double Density outputs (plus



X-LINK outputs). The full 26RU frame will support 576x576, or 576x1152 using Double Density outputs (plus X-LINK outputs), Multi Frame we can expand to 152x1152 and beyond. All 3 EQX frames offer a large number of Input and output options to meet the many different requirements in facilities or mobile applications.

EQX Input & Output Gateway Module



EQX-IP18-IPG

Is an 18 channel hybrid EQX input module that will allow existing or new EQX routers the ability to be bridged to the IP world. This IP Gateway module is fully featured with the the ability for encapsulation and de-encapsulation of video signals over IP. There are 18 inputs to the EQX that can be selected from either baseband inputs or 10GE IP sources, each of the 18 inputs have a frame sync designed to re-time the input video signal to the EQX frame reference signal. The EQX-IP18-IPG can also de-embed the audio from the selected 18 input video signals for packetized TDM audio routing.

Ordering Information:

SFP+ Modules:

+SFPTR13-10G 10GE optical 1310nm Network Transceiver

Rear Panels (purchased separately):

EQX-IPG-DIN-RP Supports up to 2 EQX-IP18-IPG

Licensing Options:

+10GE IP encapsulation, IP de-encapsulation,

+FSE18 option is required

+FSE18 Frame Sync & Delay

EQX-OP18-IPG

Is an 18 channel hybrid EQX output module which provides a gateway into IP infrastructures. Featuring 18 video channels for IP encapsulation and SDI output, each of the 18 outputs have a frame sync designed to re-time the output video signal to the EQX frame reference signal. EQX-OP18-IPG includes audio embedders that can seamlessly mix in packetized TDM audio from Evertz EMR-AUDIO routers.

Ordering Information:

SFP+ Modules:

+SFPTR13-10G 10GE optical 1310nm Network Transceiver

Rear Panels (purchased separately):

EQX-IPG-DIN-RP Supports up to 2 EQX-IP18-IPG

Licensing Options:

+10GE IP encapsulation

+OPCS line buffering mode allowing for

clean and quiet switching

+OPFS Line / Frame sync modes allowing for

clean and quiet switching

Coming Soon



EQX-IP18-IPG-X19

Is our next generation hybrid IP gateway module that and will provide up to 25GbE IP encapsulation or de-encapsulation of video, bridging existing or new EQX routers to 25GbE infrastructures. The EQX-IP18-IPG-X19 module is fully featured with the ability to encapsulate 18x 3G inputs over 2x25GbE or de-encapsulate 18x 3G signals from 2x 25GbE. There are 18 3G baseband inputs which could be selected from the coax SDI inputs or 25GbE IP sources. This module also supports 12G-SDI Inputs that can be demuxed in to 4x 3G 2SI signals.

Ordering Information:

EQX-IP18-IPG-X19-RP

Rear Panels (purchased separately):

Licensing Options:

Licensing Options:

+25GE IP encapsulation, IP de-encapsulation

+FSE Frame Sync and Delay

+TDM TDM Input

+12G-SDI 12G-SDI demux to 4x 3G 2SI



EQX Audio Video Input Processor Module



EQX-IP16AD-2TDM-3G

Is an EQX input module that consists of 16 channels of adaptive cable equalization which feed incoming signals directly through to the crosspoint modules. This module also de-embeds the audio from all 16 inputs and multiplexes them onto 2 TDM streams and either TDM stream can be used as the primary or redundant since they are identical. Each of the AVIP supports sixteen (16) digital video inputs plus two (2) TDM outputs stream via the industry standard BNC connectors mounted on rear plate.

Ordering Information:

- EQX-IP16AD-3G-2TDM Regular AVIP with support of up to 3G-SDI signal
- EQX-IP16AD-3G-2TDM-FI Fiber AVIP with support of up to 3G-SDI signal
- EQX-IP16AD-H-2TDM-A Regular AVIP with support of up to HD-SDI signal

Rear Panels (included with module):

- EQX-IO18-RP BNC rear plate supports up to 2 EQX-IP16AD-3G-2TDM
- EQX-IP16AD-3G-2TMD-FI-RP Fiber rear plate supports up to 2 EQX-IP16AD-3G-2TDM-FI

Rear Panels (purchased separately):

- EQX-IO18-DIN-RP DIN rear plate supports up to 2 EQX-IP16AD-3G-2TDM

SFP Modules:

- SFP1R-2 Dual Optical SFP Receiver, Up to 3GB/s

EQX Input Module



EQX-(G)-IP18(H)-(3G)

Is an 18 channel EQX input module with adaptive cable equalization which feeds incoming signals directly through to the crosspoint modules.

Ordering Information:

- EQX-G-IP18-3G Green technology with support of up to 3G-SDI signal
- EQX-G-IP18H Green technology with support of up to HD-SDI signal
- EQX-IP18-3G Regular card with support of up to 3G-SDI signal
- EQX-IP18H Regular card with support of up to HD-SDI signal
- EQX-OP18-3G-FI Regular card with support of up to HD-SDI signal Fiber card with support of up to 3G-SDI signal

Rear Panels (included with module):

- EQX-IO18-RP BNC rear plate supports up to 2 EQX-(G)-IP18(H)-(3G)
- EQX-IP18-3G-FI-RP Fiber rear plate supports up to 2 EQX-IP18-3G-FI

Rear Panel (purchased separately):

- EQX-IO18-DIN-RP DIN rear plate supports up to 2 EQX-(G)-IP18(H)-(3G)

SFP Modules:

- SFP1R-2 Dual Optical SFP Receiver, Up to 3GB/s

EQX Audio Video Output Processor Module



EQX-OP16AE-3G-2TDM

Is an EQX output module comprised of 16 reclocked output channels fed from the crosspoint modules. This module also de-multiplexes audio from TDM input 1 or 2 streams and re-embeds them to video. Each of the AVOP supports sixteen (16) digital video outputs plus two (2) TDM inputs stream via the industry standard BNC connectors mounted on rear plate.

Ordering Information:

- EQX-OP16AE-3G-2TDM Regular AVOP with support of up to 3G-SDI signal
- EQX-OP16AE-3G-2TDM-FI Fiber AVIP with support of up to 3G-SDI signal
- EQX-OP16AE-H-2TDM-A Regular AVIP with support of up to HD-SDI signal

Rear Panels (included with module):

- EQX-IO18-RP BNC rear plate supports up to 2 EQX-OP16AE-3G-2TDM
- EQX-OP16AE-3G-2TMD-FI-RP Fiber rear plate supports up to 2 EQX-OP16AE-3G-2TDM-FI

Rear Panels (purchased separately):

- EQX-IO18-DIN-RP DIN rear plate supports up to 2 EQX-OP16AE-3G-2TDM

SFP Modules:

- SFP1T13-2 Dual Optical SFP Transmitter, Up to 3GB/s, 1310nm

Licensing Options:

- EQX-OP16AE-FK-HSS Clean switch option on the video output

EQX Output Module



EQX-(G)-IP18(H)-(3G)

Is an EQX output module comprised of 18 reclocked outputs fed from the crosspoint modules.

Ordering Information:

- EQX-GX-OP18-3G Green technology with support of up to 3G-SDI signal
- EQX-GX-OP18H Green technology with support of up to HD-SDI signal
- EQX-OP18-3G Regular card with support of up to 3G-SDI signal
- EQX-OP18H Regular card with support of up to HD-SDI signal
- EQX-OP18-3G-FI Regular card with support of up to HD-SDI signal Fiber card with support of up to 3G-SDI signal

Rear Panels (included with module):

- EQX-IO18-RP BNC rear plate supports up to 2 EQX-(GX)-OP18(H)-(3G)
- EQX-OP18-3G-FI-RP Fiber rear plate supports up to 2 EQX-OP18-3G-FI

Rear Panels (purchased separately):

- +XLINK Option for a X-Link rear plate (EQX-GX-OP18-3G-XLINK-RP) that supports up to 2 EQX-GX-OP18-3G
- EQX-IO18-DIN-RP DIN rear plate supports up to 2 EQX-(GX)-OP18(H)-(3G)

SFP Modules:

- SFP1T13-2 Dual Optical SFP Transmitter, Up to 3GB/s, 1310nm

Licensing and Option:

- +XLINK XLINK RearPlate (available on select OP Modules)

EQX Input Module



EQX-IP18FSAD-3G

Is an 18 channel EQX input module that can frame sync video and de-embed the audio as the standard option and can re-embed as an add on option. This module is designed to re-time a SMPTE 292M or SMPTE 259M input to a local reference signal. When necessary, frames are repeated or dropped to maintain the synchronization. This module has the ability to loop back the 18 synced inputs to 18 outputs when the coax rear plate is in use.

Ordering Information:

- Rear Panels (included with module):
- EQX-IP18FSAD-3G-F-RP (+F OPTION) Fiber rear plate supports up to 2 EQX-IP18FSAD
- EQX-IP18FSAD-3G-RP Mini Din plate supports up to 2 EQX-IP18FSAD

SFP+ Modules:

- SFP1R-2 Dual Optical SFP Receiver, Up to 3GB/s

Licensing and Options:

- +F Fiber rear-plate option
- EQX-FK-DSP Audio signal processing option
- EQX-FK-AE Audio embedding option

EQX Output Module



EQX-OP36-3G1

Is an EQX output module comprised of 36 reclocked output channels fed from the crosspoint modules. On each output the reclocking functionality can be switched On/Off or switched into ASI bypass mode as required. Each of the EQX-OP36-3G1 supports 36 digital video outputs using standard DIN 1.0/2.3 connectors mounted on the passive I/O RP.

Ordering Information:

- Rear Panels (included with module):
- EQX-OP36-3G1-RP Mini Din rear plate supports up to 2 EQX-OP36-3G1