

IO Gateway

AVoIP transcoder using IPMX/2110 open standards



- **Less equipment and maintenance**
- **Interoperability and flexibility thanks to standards-based workflows**
- **High quality at low latency**

Barco IO-H1 & Barco IO-H25

The Barco IO transcoders are the base of a simplified future-proof AVoIP setup transporting your current HDMI signals (up to 4K60 4:4:4) into an open standards based system with the lowest latency.

Reduce the need for additional switchers, cables, converters, etc. and just add the IO solution to convert and route from a single bi-directional cable solution containing multiple AV signals and control. It minimizes clutter and costs.

The Barco IO encoder/decoder is a network-based system which can accommodate a very large number of devices and operates on open standards making A/V integration much more accessible, more flexible and easier to maintain.

Each Barco IO-H1 package includes:

- IO-H1 1GbE over Cat5 encoder/decoder
- JPegXS
- Power supply
- Quick Mount™ Plate
- Mounting Bracket

Each Barco IO-H25 package includes:

- IO-H25 10/25GbE over Fiber
- JPegXS
- Power supply



- Quick Mount™ Plate
- Mounting Bracket

Barco IO-S25

The Barco IO transcoders are the base of a simplified future-proof AVoIP setup transporting your current 12G SDI signals (up to 4K60 4:2:2) into an open standards based system with the lowest latency.

Reduce the need for additional switchers, cables, converters, etc. and just add the IO solution to convert and route from a single bi-directional cable solution containing multiple AV signals and control. It minimizes clutter and costs.

The Barco IO encoder/decoder is a network-based system which can accommodate a very large number of devices and operates on open standards making A/V integration much more accessible, more flexible and easier to maintain.

Each Barco IO-S25 package includes:

- IO-S25 10/25GbE over Fiber
- JPegXS
- Power supply
- Quick Mount™ Plate
- Mounting Bracket

Product specifications

IO GATEWAY

Inputs

General specifications

Notes

The specifications in this document are preliminary

IO-H1

- Media Bandwidth: 1 or 2.5 GbE
- Media Connector: 1 x RJ45 (copper)
- Media Networks: 1 x main, 1 x redundant
- Control Network: 1 x 1GbE Copper
- Video Inputs: 1 x HDMI 1.4, HDMI 2.0
- Video Outputs: 1 x HDMI 1.4, HDMI 2.0
- Power: PoE+, external PSU
- IPMX Profile: Profile 3, 18:1 Compression

IO-H25

- Media Bandwidth: 10 or 25 GbE
- Media Connector: 1 x SFP+ (fiber)
- Media Networks: 1 x main, 1 x redundant
- Control Network: 1 x 1GbE Copper
- Video Inputs: 1 x HDMI 1.4, HDMI 2.0
- Video Outputs: 1 x HDMI 1.4, HDMI 2.0
- Power: PoE+, external PSU
- IPMX Profile: Profile 1 (Uncompressed), Profile 2 (4:1 compression)

IO-S25

- Media Bandwidth: 1 or 2.5 GbE
- Media Connector: 2 x SFP+ (fiber)
- Media Networks: 1 x main, 1 x redundant
- Control Network: 1 x 1GbE Copper
- Video Inputs: 1 x 12G-SDI
- Video Outputs: 1 x 12G-SDI
- Power: PoE+, external PSU
- IPMX Profile: Profile 1 (Uncompressed), Profile 2 (4:1 compression)

Outputs

User control

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