The Future of Media Distribution is Here

Binary Media over IP (MoIP) is the modern way to do AV distribution. Using the network as the backbone, 4K Ultra HD content can be sent from any number of sources to any number of displays to create a completely scalable solution. And thanks to OvrC, the system is easy to setup, control and manage remotely. This is Media over IP, perfected.

Controller
B-900-MOIP-4K-CTRL

Transmitter
B-900-MOIP-4K-TX

Receiver
B-900-MOIP-4K-RX

FASTEST SETUP

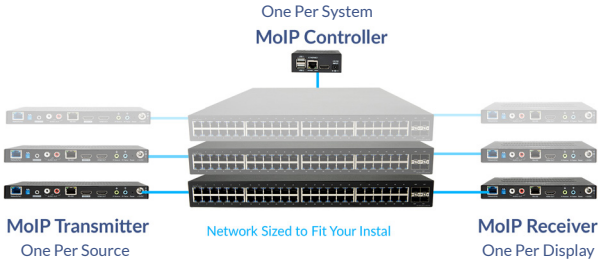
FLEXIBLE & SCALABLE

ULTRA-RELIABLE 4K

HDR 10

OVRC ENABLED

Flexible and Scalable



The Binary MoIP solution allows you to fit, scale, and upgrade the solution to match your client's specific needs. Need a 6x8 for one job and a 7x13 for another one? No problem. What about adding a video wall? Done. Instead of replacing the entire system, you can simply purchase new transmitters or receivers when adding sources or displays.

FAQ

1. Why is Binary MoIP easy to setup?
Binary MoIP is easy to setup because of the OvrC cloud platform and the hardware controller. Just configure your Layer 2 switch for multicast traffic and then Autodiscover your endpoints with one button via the OvrC controller. Name your sources and displays, add your control drivers (or download the app) and you are good to go.

2. Is the system 4K 4:4:4 HDR compatible?
Yes, the system is 4K 4:4:4 HDR compatible at 30Hz. It will accept 60Hz signals but will only send 30Hz content over the network.

3. Is there any video latency?
There is no video latency due to the proprietary chipset design used on MoIP encoders and decoders.

4. Can I do audio breakaway on each box?
You can break audio out of the analog outputs on each endpoint if your video source is set to 2-ch audio. Multichannel formats can be passed through or looped out of the HDMI loop on the transmitter. There is currently no Dolby or DTS downmixing capability.

5. Do the I/O boxes infinitely scale my RS-232 and IR commands and allow routing?
All RS-232 and IR commands can be virtually routed via the local UI and are available via IP protocol. They can be scaled to as many endpoints as desired.

6. How many TX and RX boxes can I use?
Current system limitations are artificially capped at 96x96, but you are only limited by your network.

7. What is the MoIP controller and why is it needed?
The MoIP controller is the brain of the MoIP system. The custom software that it runs enables easy setup, simple switching, control integration, and OvrC remote access.

8. Can I control the MoIP system using RS-232 or do I need an IP based controller?
You can use RS-232 to control MoIP, or the newly released built-in app.

9. What is the best way to set up my network to ensure the system works properly?
You should use a dedicated MoIP switch one layer below your router and core switch and configure it for multicast traffic with our networking guide found on the product page's Support tab.

10. What if I'm using a switch from another manufacturer – what are the recommended settings?
Recommended settings on switches include enabling IGMP snooping for multicast traffic.

11. How do I integrate my control system?
All control drivers are posted on the SnapAV website and are designed in the most simplistic way possible to make matrixed video integration easier than ever.

Brand	Binary	Vanco	Wyrestorm	Just Add Power		Crestron
Series	900 Series MoIP	EVO-IP	400 Series	707PoE/ 508PoE	717HIFI	NVX
4K HDR Capable	4K30 4:2:2 HDR10	4K30 4:2:2 HDR10	4K30 4:2:2 HDR10	4K30 4:2:2 HDR10	4K30 4:2:2 HDR10	4K60 4:4:4 HDR10
Cloud Controller for Easy Setup	✓	X	X	X	X	X
Easy Multicast Switch Setup Without VLANs	✓	✓	✓	X	X	✓
HDCP Support	2.2 / 1.4	2.2 / 1.4	2.2	2.2	2.2	2.2
Multi-Channel Audio	✓	✓	✓	✓	✓	✓
Audio De-embedding	✓	✓	✓	X	X	✓
RS-232	✓	✓	✓	✓	✓	✓
IR	✓	✓	✓	✓	✓	✓
Video Wall - Automatic Bezel Adjustment	✓	X	X	X	X	X
App	Yes, Embedded	✓	✓	✓	✓	X
Remote Monitoring	OvrC	✓	X	✓	✓	✓