OmniStream R-Type is 4K HDR distribution infrastructure, now and the future. Free yourself from the past limitations of other AV over IP systems with a fully capable, scalable, and dependable platform – backed by our industry-leading 10-year warranty.

4K HDR and 12-Bit Dolby Vision

OmniStream is the only AV over IP platform capable of streaming and decoding ultra high-definition, Dolby® Vision™ 12-bit HDR content at 60 frames per second over 1 Gigabit or 10 Gigabit Ethernet. OmniStream R-Type also supports HDR10 @ 60 Hz and 10-bit color, as well as HLG (Hybrid Log-Gamma) for future 60p HDR broadcasts. Dolby Atmos® is fully supported as well as all other popular multi-channel audio formats. Only OmniStream delivers a complete, high performance home cinema experience.

Ultra-low latency

OmniStream R-Type delivers the best of both worlds – uncompromised picture quality and just half a frame of encode-decode latency, the lowest for any AV over Gigabit Ethernet platform. This equates to a delay of just 8 ms with 60 Hz video.

Simple virtual routing plus remote monitoring

Experience effortless, intuitive AV routing with the Atlona Management System (AMS), available as free software or a server appliance. Coming soon: Add AMS Go remote cloud-based monitoring to provide RMR (recurring monthly revenue) services to your clients.
Additional features

- Video wall processing
- Simplify audio integration with AES67
- Ready for integration with third-party control systems

Whole-house 4K HDR and audio integration

Works with CAT 5e cable

One of the most significant costs of AV integration is a new cabling infrastructure. OmniStream R-Type is ready for use with the network cabling already in place for a residence or facility, going as far back as CAT 5e.

Atlona Professional Services: Atlona provides project design, configuration, and management services to system designers and integrators working with OmniStream AV over IP products. Atlona will work with you to ensure optimal performance and efficiency in your AV over IP projects. Contact your Atlona rep to learn more.