



IPT-5100L AVoIP Transceiver

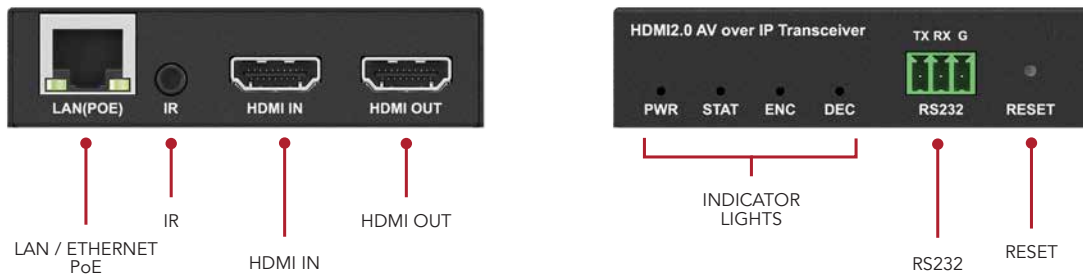
The IPT5100L is a flexible HDMI 2.0 AVoIP transceiver designed to support scalable signal distribution across both commercial and residential environments.

The IPT-5100L transceiver is configurable as either an encoder or decoder, enabling high-performance 4K@60Hz 4:4:4 video, multi-channel audio, IR, and RS232 transmission over standard Gigabit network infrastructure. By leveraging AV over IP architecture, the IPT5100L allows integrators to build systems that are more scalable, adaptable, and easier to deploy than traditional fixed matrix solutions. Part of the expanding IP5100 ecosystem, it works seamlessly alongside other IP5100 products in mixed-system AV over IP deployments which do not require USB connectivity.

Designed for modern AV applications, the IPT5100L supports advanced video technologies including HDR10, HDR10+, Dolby Vision, HDCP 2.3 compliance, and full 18Gbps HDMI 2.0 bandwidth. Its low-latency performance, including Ultra Low Latency Mode with sub-frame transmission, makes it well suited for interactive and real-time applications. The platform also supports advanced multi-channel audio formats such as Dolby Atmos, DTS:X, and optional Dante AV-A and AES67 integration for expanded networked audio capabilities as well as PoE for simplified wiring schemes.

Beyond signal transport, the IPT5100L is engineered for integration and system flexibility. With REST API support, built-in Web UI management, IR and RS232 passthrough, and compatibility with SC010 and VisualIM. Its compact design and configurable endpoint architecture simplify deployment while supporting a broad range of applications including corporate AV, education, hospitality, digital signage, and residential AV systems.

IPT-5100L AVoIP Transceiver



HDMI 2.0 over 1G AV over IP
HDCP 2.3 Compliant



Multi-Channel Audio Including
Dolby Atmos & DTS:X



4K@60Hz 4:4:4 Video Support



Optional Dante AV-A
& AES67 Support



HDR10, HDR10+ & Dolby
Vision Compatible



Integrated IR & RS232 Extension



Ultra Low Latency Transmission



REST API & Web UI Control



HTTPS, SSH & 802.1X
Security Support



Gigabit LAN / Ethernet Connectivity



PoE Powered (802.3af)



The newest member of the
expanding IP5100 family
of 1G AV over IP platforms.

MULTI-ROOM APPLICATION

