IP970 AVoIP System

4K60 HDMI 2.0 encoder and decoder that supports both NDI HX3 and H.264/H.265 modes, delivering secure, flexible, and enterprise ready AV over IP distribution with advanced control and integration capabilities.

The IPE970 and IPD970 AVoIP System marks a major milestone in professional video technology as the first solution to combine NDI® HX3 capability with full HDCP support. Working together as encoder and decoder, the IPE970 and IPD970 bridge the gap between high end live production and protected commercial content within a single integrated platform. Designed for environments that demand flexibility and control, the system can operate in NDI or H.264/H.265 mode, giving you the freedom to select the right streaming technology for live events, enterprise distribution, and secure commercial applications.

Delivering full HDMI 2.0 with support for HDCP 1.4 and 2.2, the platform eliminates the tradeoff between performance and compatibility. It maintains efficient bandwidth usage up to 60 Mbps, supports independent or unified audio and video routing, and allows instant mode switching via web GUI or API without rebooting, keeping workflows uninterrupted.

Engineered for real world installations, the IPE970 and IPD970 integrate AES 128 encryption, enterprise network protocol support, EDID management, and IP to RS 232 control. With an optional rack mount kit and an installation friendly hardware design, the system delivers a secure, reliable, and installer focused AV over IP solution for modern networked environments.

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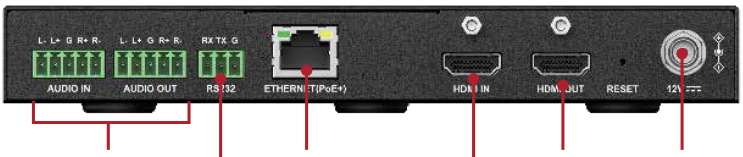
STATUS DISPLAY SCREEN

STATUS LEDs



AUDIO IN/OUT

RS232

SECURE LAN (PoE)

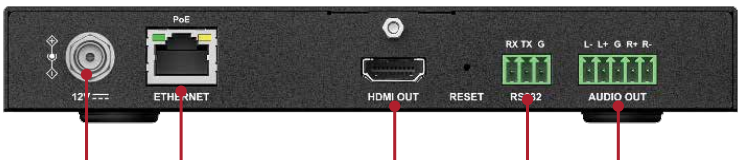
HDMI IN

HDMI OUT

POWER

ON-SCREEN MENU CONTROL

STATUS LEDs



POWER

SECURE LAN (PoE)

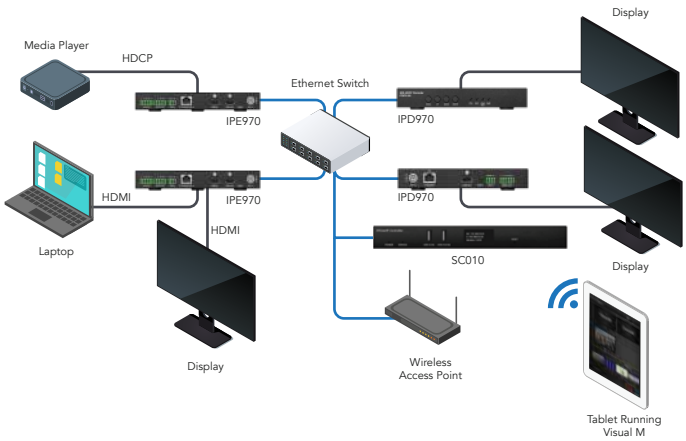
HDMI OUT

RS232

AUDIO OUT

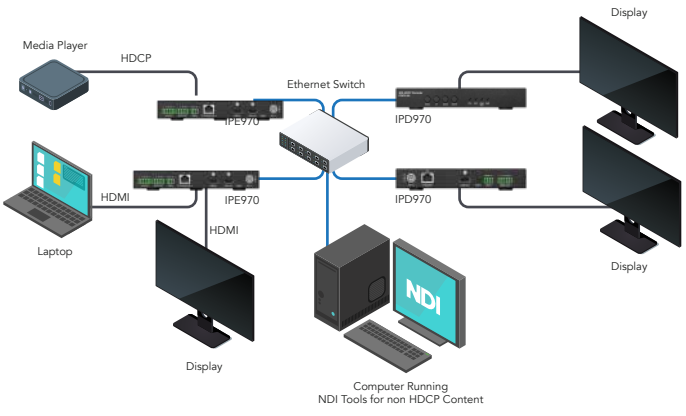
- NDI HX3 or H.264/H.265 Support
- AES 128 Stream Encryption
- EDID Management
- 4K60 HDMI 2.0 HDCP 1/4/2.2
- Web GUI, API & OSD Control
- Enterprise Network Protocols
- Main + Preview Stream Encoding
- IP to RS232 Control
- Front panel button control
- Variable bitrate up to 60mpbs
- Balanced Audio, Embeded / De-Embeded
- Optional Rack Mount Kits Available

H.264/265 MODE



In H.264/265 mode control is achieved either with the IP970 built in Web GUI or API as well as our SC010 and Visual M app

NDI MODE



In NDI mode control is achieved either with the IP970 built in Web GUI or API as well as NDI tools software