Venue-wide Synchronized Video
Satisfies Various Needs

Uncompressed & Ultra-low Latency
4K/60Hz AV Over IP
The IPS series support video modes including matrix switch, multi-view display, video wall, and KVM. The IPS series also support Power over Ethernet (PoE) and enable ultra-low latency A/V signal at 4K/60Hz 4:4:4 over a 10-Gigabit network to display crystal-clear video in multiple applications.
Hospitality / Corporate Applications

Customization Achieves Venue-wide Audiovisual Content
Industry / Transportation Applications

Crystal-clear Video Helps Monitor the Work of the Equipment
Ultra-low Latency Enables Audiences to Cheer Simultaneously

Entertainment / Esports Applications
Retail / House of Worship Applications

Flexible Installation Satisfies Diversified Scenarios
Education / Healthcare Applications

Synchronized A/V Content Contributes Immersive Learning
Government / Military Applications
Made in Taiwan and Quality Guaranteed
Testimony

AV LINK’s APIs (Application Programming Interfaces) help us to integrate the IPS devices with the existing environmental control system and transport the video to multiple meeting rooms and event spaces.

— The Team of Intelcraft Solution, The Representative for Connext Sriracha

(A Meeting and Wedding Venue in Thailand)
IPS Series

4K/60Hz AV over IP

4K60
4:4:4

Ultra-low Latency
Intuitive Management
Rack Mount

TRANSCIEVER
Heat Management
Excellent Synchronization
PoE

SDVoE ALLIANCE
NETGEAR BUSINESS

AVLINK
The Highest Quality AV Solutions
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### IPS-AC / AF Features

<table>
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<th>Feature</th>
<th>Description</th>
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| **HDMI Input**               | - True 4K/60Hz 4:4:4, HDR  
- HDMI 2.0 compatible input port  
- Support HDCP 1.4 and 2.2 |
| **HDMI Output**              | - True 4K/60Hz 4:4:4, HDR  
- HDMI 2.0 compatible output port  
- Support HDCP 1.4 and 2.2  
- Multi-view mode: The video format keeps RGB 8-bit |
| **10G-SFP+Transport**        | XFI interface  
- 10GBASE-T 100m with Gat 6a cable  
- Multi-mode fiber 300/500m with OM3/OM4 fiber  
- Single-mode fiber up to 30KM |
| **Power over Ethernet (PoE)**| - Support Type: PoE+/PD  
- IPS-AC only |
| **Video Routing**            | - Lightweight 1.4 to 1 artifact-free compression  
- Time to switch between sources in under 100 milliseconds.  
- Support Transceiver Mode (Simultaneous transmitter and receiver, IPS-AX only) |
| **Audio Routing**            | - Lossless audio transmission  
- HDMI downmixed stereo channel  
- Support Microphone Input (with Bias voltage) |
| **1G Control Interface**     | - Extension of Gigabit Ethernet data network  
- Built-in Ethernet switch connects 1GbE Ethernet to 10GbE interface  
- Device Control |
| **USB Routing**              | - USB port: Up to 480 Mbps  
- USB HID port: Only support Human Interface Devices |
| **RS232 Routing**            | - Baud rate up to 115200  
- Unicast and broadcast routing between devices  
- Serial data routing between multiple devices |
| **IR Routing**               | - IR data routing between multiple devices |
| **Video Scaling**            | - Upscaling (Video Wall) and downscaling (Multi-view)  
- Multi-source video compositing  
- Video Wall processing with bezel correction and display synchronization |