



# Venue-wide Synchronized Video Satisfies Various Needs



Uncompressed & Zero Latency  
4K/60Hz AV Over IP

**AVLINK**<sup>®</sup>  
The Highest Quality AV Solutions



# One IPS, More Applications

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 zero-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



Adnan	10	10	10
buster	10	10	10
Jame	1450	10	10
qkerr	10	10	10
Adnan	1400	10	10
SAHJI	10	10	10

Gameplay screenshot from Counter-Strike: Global Offensive. The score is AVANGAR 5 vs NATUS VINCERE 1. A timer shows 'Jame is 1:66 DEFUSING THE BOMB'. The player's name 'Jame' is visible at the bottom center. The interface includes a scoreboard on the left and right, and a mini-map in the top left.



Entertainment / Esports Applications



# Retail / House of Worship Applications

Flexible Installation Satisfies Diversified Scenarios





# Education / Healthcare Applications

Synchronized A/V Content  
Contributes Immersive Learning

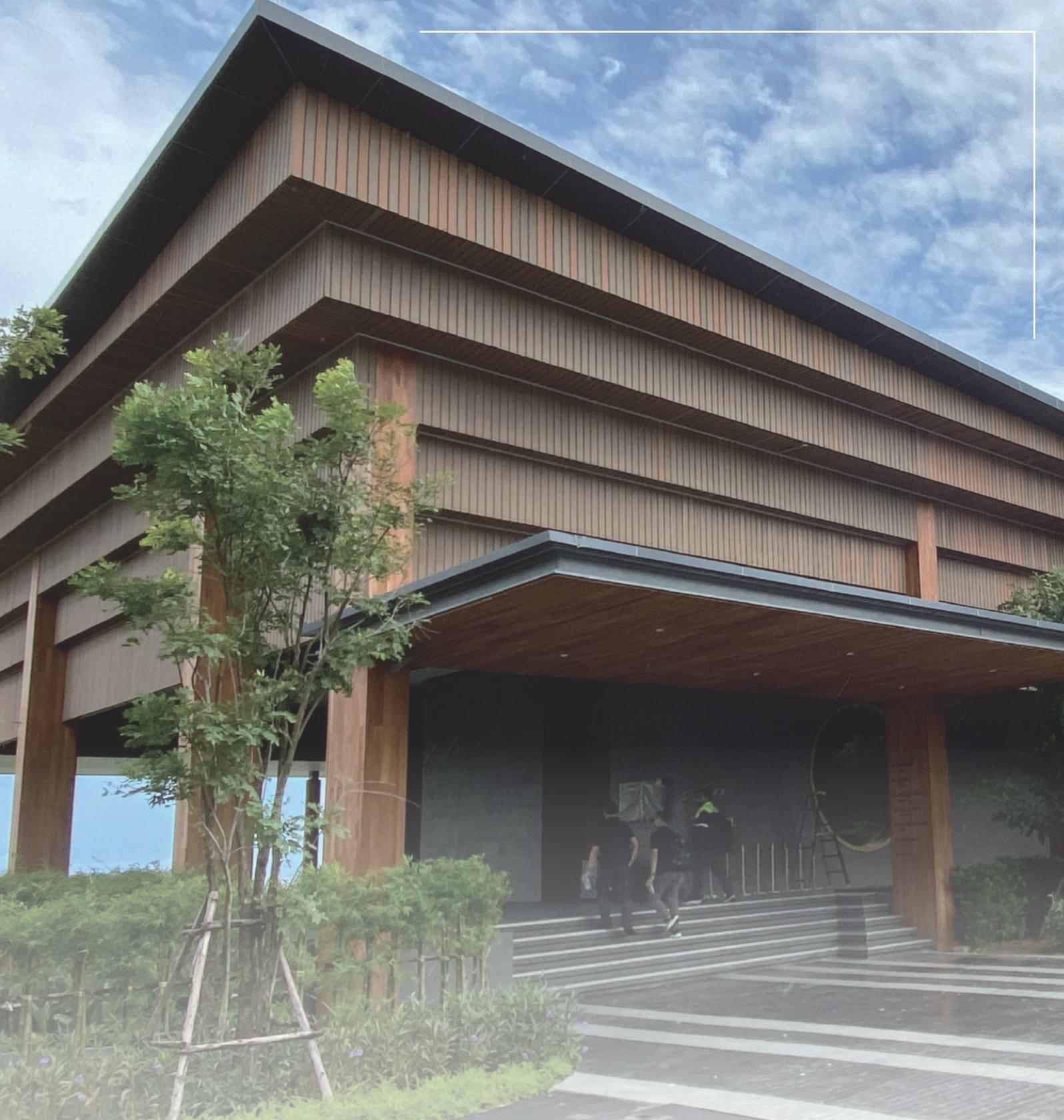




# Government / Military Applications

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 Connex Sriracha  
(A Meeting and Wedding Venue in Thailand)



## 4K/60Hz AV over IP



## IPS-AC / AF Features

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HDMI Input	<ul style="list-style-type: none"> <li>• True 4K/60Hz 4:4:4, HDR</li> <li>• HDMI 2.0 compatible input port</li> <li>• Support HDCP 1.4 and 2.2</li> </ul>
HDMI Output	<ul style="list-style-type: none"> <li>• True 4K/60Hz 4:4:4, HDR</li> <li>• HDMI 2.0 compatible output port</li> <li>• Support HDCP 1.4 and 2.2</li> <li>• Multi-view mode: The video format keeps RGB 8-bit</li> </ul>
10G-SFP+Transport	<p>XFI interface</p> <ul style="list-style-type: none"> <li>• 10GBASE-T 100m with Cat 6a cable</li> <li>• Multi-mode fiber 300/500m with OM3/OM4 fiber</li> <li>• Single-mode fiber up to 30KM</li> </ul>
Power over Ethernet (PoE)	<ul style="list-style-type: none"> <li>• Support Type : PoE+/PD</li> <li>• IPS-AC only</li> </ul>
Video Routing	<ul style="list-style-type: none"> <li>• Lightweight 1.4 to 1 artifact-free compression</li> <li>• Time to switch between sources in under 100 milliseconds.</li> <li>• Support Transceiver Mode (Simultaneous transmitter and receiver, IPS-AX only)</li> </ul>
Audio Routing	<ul style="list-style-type: none"> <li>• Lossless audio transmission</li> <li>• HDMI downmixed stereo channel</li> <li>• Support Microphone Input (with Bias voltage)</li> </ul>
1G Control Interface	<ul style="list-style-type: none"> <li>• Extension of Gigabit Ethernet data network</li> <li>• Built-in Ethernet switch connects 1GbE Ethernet to 10GbE interface</li> <li>• Device Control</li> </ul>
USB Routing	<ul style="list-style-type: none"> <li>• USB port: Up to 480 Mbps</li> <li>• USB HID port: Only support Human Interface Devices</li> </ul>
RS232 Routing	<ul style="list-style-type: none"> <li>• Baud rate up to 115200</li> <li>• Unicast and broadcast routing between devices</li> <li>• Serial data routing between multiple devices</li> </ul>
IR Routing	<ul style="list-style-type: none"> <li>• IR data routing between multiple devices</li> </ul>
Video Scaling	<ul style="list-style-type: none"> <li>• Upscaling (Video Wall) and downscaling (Multi-view)</li> <li>• Multi-source video compositing</li> <li>• Video Wall processing with bezel correction and display synchronization</li> </ul>