



AV24 – Video Conference Tutorial Space AV Standard

User Requirements

- Viewing capacity of up to 40 users.
- 100" or larger HD projection.
- Installed AVPC provided for UniSA staff.
- BYOD connectivity via included HDMI cable on wall plate.
- Mobile, height adjustable AVPC monitor cart with keyboard and mouse.
- Full control of the AV system from a touch screen control panel.
- Pan-Tilt-Zoom Camera and Wireless Microphone System for software video conferencing from the AVPC.
- Video & Audio processing.
- Room speakers (ceiling or front of room) for content playback.
- IR hearing augmentation.

Options

(CMA) – Ceiling Microphone Array

- Replaces the wireless microphone system with an intelligent in-ceiling microphone array.

(TCH) – Touch LCD Display

- Swaps out projection for a multi-touch LCD on height adjustable mount.



Technical Requirements

Display

Projection

- **Projector - Medium**
 - Video and control transmit via HDBaseT.
- **Projector Ceiling Mount**
- **Projector Screen - Manual**
 - 100" or larger.

TCH Option - Touch Display

- **LCD Display - Touch**
 - 85" or larger.
 - Video input via 2x HDMI (AVPC & BYOD).
 - Audio output via 3.5mm Stereo audio.
 - Replaces Presentation Switcher from system.
 - Replaces Projector from system.
- **LCD mount - Height adjustable**

Audio

Speakers

- **Speakers - Wall mounted powered**
- **OR Speakers - Ceiling mounted passive**
 - Audio Amplifier required.

Hearing Augmentation

- **Hearing Augmentation - IR transmitter**

Microphone Speech Reinforcement

- **Microphone - Wireless System**
 - 2x channels - 1x Handheld & 1x Lapel.
- **Audio DSP - Small**

CMA Option - Ceiling Microphone Array

- **Microphone - Ceiling Room Array**

Video

Presentation Switcher

- **Switcher - Video**

HDMI Distribution Amplifier

- **Distribution Amplifier - HDMI**
 - 2x HDMI Outputs.

Control

Control Processor

- **Control Processor**

Touch Panel

- **Touch Control Panel**



Sources

AVPC

- **AVPC**
 - Mounted in Rack.
- **AVPC Monitor**

BYOD

- **BYOD – Wall plate**

Ceiling Camera

- **Camera – Video PTZ**

Architectural / Security

Network Switch

- **Network Switch**
 - 8 network ports.

AV Rack

- **Rack – Small**
 - Positioned front of room.

Power Distribution Unit

- **Power Distribution Unit**

Signage

- **Signage**

Monitor Trolley

- **Monitor Trolley**

Additional Information

More information pertaining to equipment specs and installation, cabling and infrastructure requirements can be found in sections 3.0.0 to 5.2.0 of the complete AV Standards & Specifications document.