

Annotation Pro 4K Presentation and Annotation System

- A. Furnish and install a 4K presentation and annotation system. The system shall be capable of displaying up to two high-resolution 4K sources (such as non HDCP HDMI and USB cameras) on a presentation display or TV. The system shall be capable of providing annotation overlays that can be controlled by various devices to make live annotations on the presentation content.

A1. Base Unit

The base unit shall employ a NVIDIA Pascal graphics processing unit (GPU) that provides high-resolution video and annotation overlay through one HDMI output port to be connected to a 4K presentation display or projector. The unit shall provide one HDMI and five USB 3.0 inputs that allow to connect video and presentation devices via HDMI or USB 3.0 connection such as video players, computers, laptops, and USB cameras. The HDMI and USB 3.0 inputs shall be capable of connecting video sources with a resolution up to 3840 x 2160 @ 24/25/30 fps. The HDMI output shall deliver video with a resolution up to HDMI up to 3840 x 2160 @ 60 fps. The GPU shall be capable of displaying a single video source or up to two video sources in picture-in-picture mode (PIP) on the presentation display or projector. The unit shall have the capability of recording videos and saving annotated images to a USB storage device such as a flash drive as well as printing annotated images to a printer and sharing annotated images over a TCP/IP network via Microsoft Windows file sharing. The unit shall provide a 10/100 Base-T Ethernet port that allows for web browser configuration and printing or sharing annotated images over a TCP/IP network. The Ethernet port shall also allow for control of the unit through third-party control systems. The unit shall be powered by an external 19VDC, 4.7A power supply. The unit shall include a two pole Phoenix style connector for remote power. The unit shall be housed in a 19" /1 RU rack-mountable enclosure.

A2. Annotation Control Devices

The base unit shall provide connectivity to various third-party controllers to make live annotations on the video or presentation content. Two DB-9 RS-232 ports shall allow to annotate with third-party controllers such as touch screens. Five USB 3-0 ports shall allow to connect USB devices to make annotations such as HID compliant touch screens, electronic whiteboards, drawing tablets, keyboards or mouse devices using the USB 3.0 inputs. The unit shall provide a multi-functional menu on the connected display that can be controlled by any connected annotation control devices. The menu shall provide options for marking, annotating, highlighting, erasing, defining drawing colors, selecting video sources and picture mode (full screen or picture-in-picture), recording videos and saving or printing images. The menu shall also allow to configure network connection and output aspect ratio and resolution.

Williams AV, LLC products are specified.

- B. Furnish and install the following:

1. Williams AV Annotation Pro AN C5 with power supply (qty: 1ea.)

Contact Williams AV for a quote:

(952) 943-2252 | info@williamsav.com | www.williamsav.com

A&E Specs are available in Microsoft Word format. Call Williams AV.