

1.0 **GENERAL**

1.1 **Related UBC Guidelines**

- .1 [UBC Learning Space Design Guidelines](#)

1.2 **Co-ordination Requirements**

- .1 UBC IT Audio Visual

1.3 **Description**

- .1 UBC offers *two (2)* solutions for media capture:
 - .1 PC with video capture card or USB device, or
 - .2 Video/web conferencing record feature.
- .2 The media capture solution shall be compatible with Kaltura and Panopto.
- .3 UBC IT Audio Visual will provide the room PC c/w video capture device to be integrated into the AV systems.
- .4 Installation and testing of the PC will be included in the AV system installation scope. Installation and testing execution is described in the applicable sections of the technical guidelines
- .5 The media capture solution shall be able to broadcast a minimum of two (2) sources such as camera and content feeds outside the UBC network.
- .6 The programming and configuration instructions for the media capture recorder functions are described in the UBC IT Audio Visual Graphical User Interface Standards Document.
- .7 *The recorder shall have one (1) video input for cameras and one (1) video input for each content source being presented. For example, a dual content system shall have at minimum three (3) video inputs.*
- .8 *The recorder shall have an LED recording status light visible to presenter.*

2.0 **PRODUCTS**

2.1 **PC Video Capture Card**

- .1 The capture card shall have a minimum of two (2) HDMI inputs.
- .2 The capture card shall have embedded HDMI audio inputs.
- .3 The capture card shall support a resolution up to 1080p.
- .4 The capture card shall support Windows 10 operating system
- .5 The capture card shall be a PCIe format card.

2.2 PC Video Capture USB Device

- .1 The capture card shall have one (1) HDMI input.
- .2 The capture card shall have embedded HDMI audio inputs.
- .3 The capture card shall support a resolution up to 1080p.
- .4 The capture card shall support Windows 10 operating system *or later*.
- .5 The capture card shall be a PCIe format card.

3.0 EXECUTION

3.1 Data Infrastructure

- .1 Provide one (1) data drop for each media capture appliance and configure to media capture VLAN.
- .2 Where AV system has managed network switch, media capture recorder may be connected to managed network switch if media capture VLAN is configurable.

3.2 AV Connectivity

- .1 Where a media capture appliance or PC w/ video capture device is not installed in an AV space with 80 seats or more, provide one (1) content HDMI output, one (1) camera HDMI output, and one (1) balanced stereo audio XLRM output on a rack plate in the AV rack where a future media capture appliance would be installed.

END OF SECTION