

CAMERA SWITCHER · BR-DCU-CAT-6

# Camera Switcher

BR-DCU-CAT-6



- Multiple input options
- Standard compatibility with Bronx Dialogue Conference System for look at me functionality
- Inbuilt Audio and video bridging
- Monitoring video output

## 01.1 Feature

- 4 HD/3G SDI +2 HDMI input
- 1 Outputs for Local Display ,1 HDMI output and one USB output.(parallel local monitor output)
- 6x1+1 seamless scaler switcher, maximum supported output resolution is 1080P@60Hz.
- Seamless switching, no jitter, no blank screen.
- Adjustable image freezing function and having picture - in -picture, picture -by -picture, multi -channel split - view as well as full screen and can be controlled through TCP API through its own web -based by Admin.
- Bridging any high-definition HDMI and audio source through USB into video conferencing applications such as Skype for Business, Zoom, Microsoft Teams

## 01.2 Functions

- Turn on/off the channel number indicators.
- 6x1 seamless scaler switcher, maximum supported output resolution is 1080P@60Hz.
- It can be able to control the cameras through VISCA / PELCO -D / PELCO - P / ONVIF protocol.
- Seamless switching, no jitter, no blank screen.
- Adjustable image freezing function (freezing time from 1 to 6 seconds, freezing time cannot be less than 0.5 second or freezing function would be turned off).
- RS232 and Ethernet port to work with central controller or DIALOGUE series conference main unit for camera auto-tracking function.
- PIP/PBP Support(Capability)

## 01.3 Interfaces

- 2x HDMI input
- 1x RCA audio input
- 4x SDI input
- 2x HDMI-A output
- 1xUSB output
- 1x female DP9 and 1x male DP9
- 1xRJ45 for Ethernet

## 02.1 Technical Parameters

## AUDIO INPUT

|                        |         |
|------------------------|---------|
| Signal Format/Quantity | RCA x 1 |
|------------------------|---------|

## VIDEO INPUT

|                        |                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------|
| Signal Format/Quantity | HDMI x 2                                                                                                      |
| Connector              | HDMI-A Connectors                                                                                             |
| Pixel Bandwidth        | 165 MHz                                                                                                       |
| Protocol               | HDMI 1.3a Standard, HDCP 1.3 Protocol, DVI 1.0 protocol                                                       |
| Support Resolution     | 1280 x 720 @50Hz; 1280 x 720@60Hz, 1920 x 1080 @25 Hz; 1920 x 1080@30Hz; 1920 x 1080 @50Hz; 1920 x 1080 @60Hz |
| Transmission distance  | less than 35m                                                                                                 |
| Signal Format/Quantity | SDI x 4                                                                                                       |
| Connector              | BNC Female Connectors                                                                                         |
| Pixel Bandwidth        | 165 Mhz                                                                                                       |
| Video Format           | Mbps SDI. 1.485Gbps HD-SDI and 2.97 Gbps 3G-SDI                                                               |
| Transmission distance  | 3G-SDI<=100m with Certified SDI professional cable                                                            |

## 02.2 Technical Parameters

CONTINUED

## OUTPUT

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Signal format/Quantity | HDMIx2                                                                                                                    |
| Connector              | HDMI -A Connectors                                                                                                        |
| Pixel Bandwidth        | 165 MHz                                                                                                                   |
| Support Resolution     | 1280x720x50Hz;1280x720x60Hz; 1920x1080x50Hz;1920x1080x25Hz. 1920x1080x30Hz;1920x1080ix50Hz 1920x1080x60Hz;1920x1080ix60Hz |
| Transmission distance  | HDMI<=7m with certified HDMI Professional Cable                                                                           |
| Signal Format/Quantity | USB x 1                                                                                                                   |
| Interface              | USB 2.0: Type A Female Jack                                                                                               |

## CONTROL

|                     |
|---------------------|
| RS232 Control       |
| Ethernet Control    |
| Front Panel Control |

## MECHANICAL

|                |                     |
|----------------|---------------------|
| Dimensions(mm) | 483L x 260W x 43.6D |
| Weight         | 3 Kg                |
| Color          | Black               |

## 03.1 Item Model for Order

|              |                                                                         |
|--------------|-------------------------------------------------------------------------|
| BR-DWTS-BU   | WiFi wireless touchscreen unit, battery and microphone are not included |
| BR-DWTS-BTY  | Battery pack for each unit,7.2VDC,6500mA                                |
| BR-WCH1      | Charger for battery                                                     |
| BR-DCU-G485  | 485mm Microphone, with anti-wind foam cover                             |
| BR-DCU-CAT-6 | Camera mixer                                                            |

## OPTIONAL FUNCTION LICENSE (ALL THESE LICENSES ARE NOT PART OF STANDARD PACKAGE)

- Dual 64-channel selector software module
- Vote software module
- NFC identification software module
- Dual user software module

Disclaimer: Due to continuous product development & upgradation, the specifications/image of the product may change without prior intimation.

**Bronx Systems India Pvt. Ltd.**

sales@bronx.co.in · www.bronx.co.in