|  |  |  |  |
| --- | --- | --- | --- |
| vMix – 4K or --HD | vMix Software | $700 | $350 |
| Blackmagic DeckLink Quad 2 - Video capture adapter - PCIe x8 | https://encrypted-tbn0.gstatic.com/shopping?q=tbn:ANd9GcQT2EudZPs36UWXeEHYJtUwJCYPhKi-dDSSvtWvKp-PTlAms54&usqp=CAY | $995 | |
| B&H Photo AV  Or Markertek | |
| Lumantek HDMI/VGA to SDI EZ-Converter with Scaler | Lumantek HDMI/VGA to SDI EZ-Converter with Scaler | $269 Each | |
| Need 3 to replace Tie-lines (Scan Converters) | |
| B&H Photo AV | |
| Blackmagic Design Micro Converter HDMI to SDI | https://encrypted-tbn3.gstatic.com/shopping?q=tbn:ANd9GcS1OGM6kpd5XgVDy9BSbouFdk78UsnK5bGyb2l8dvcMLlOcNCmafmhg99CzD1yFtnGlkF5C4pE&usqp=CAE | $39 Each | |
| Need 14 – to convert all room cameras to SDI | |
| B&H Photo AV | |
| 19 Pin HDMI Male to HDMI Male Adapter | Picture 1 of 1 | ($1.30 - $3) | |
| Need 12 – to Couple AV2 to SDI converters together | |
| All Over, Ebay - Amazon | |
| Composite AV2HDMI Converter 1080P | https://i.ebayimg.com/images/g/apYAAOSwJIBZyqLu/s-l1600.jpg | $4 (Cheapest) | |
| Need 12 – To convert all room cameras to HDMI | |
| [EBay](https://www.ebay.com/itm/RCA-AV-to-HDMI-Converter-Adapter-Composite-AV2HDMI-Converter-1080P-HDTV-DVD-USA/273088701127?_trkparms=aid%3D111001%26algo%3DREC.SEED%26ao%3D1%26asc%3D20131017132637%26meid%3Dc4cb416dfcec42769bc7ffc001110710%26pid%3D100033%26rk%3D8%26rkt%3D8%26sd%3D362261959271%26itm%3D273088701127&_trksid=p2045573.c100033.m2042) | |
| Shinybow 1 x 4 Composite Video Distribution Amplifier | https://static.bhphoto.com/images/images500x500/1337275571000_765351.jpg | $57 Each | |
| Need around 10 of them to spit the rest of the camera’s output to convert to SDI | |
| B&H Photo AV | |
| VeLLBox SDI Switcher 4x1, 4 In 1 Out SDI Switcher, Support Resolution up to 1080p | https://images-na.ssl-images-amazon.com/images/I/61TluPoBgzL._SL1500_.jpg | $119. Each | |
| Need 2 – One for 2241 outputs and one for 2103 Outputs | |
| [Amazon](https://www.amazon.com/dp/B01CZE4OC8/ref=asc_df_B01CZE4OC85410235/?tag=hyprod-20&creative=395033&creativeASIN=B01CZE4OC8&linkCode=df0&hvadid=194024095585&hvpos=1o5&hvnetw=g&hvrand=9324849099694789580&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=9018948&hvtargid=pla-314762795448) | |
| Samsung 40" Class FHD (1080P) LED TV (UN40H5003BFXZA) | Samsung 40" Class FHD (1080P) LED TV (UN40H5003BFXZA) | Around $230 | |
| For control room Multiviewer and pre-view for recording lectures in either room (2241,2223,2103) | |
| Anywhere | |
| Blackmagic MultiView 16 Video Multiviewer for 16-Channels of SDI | https://www.markertek.com/productImage/alternate-1/125x125/BMD-MULTIVIEW16.JPG | $1495 | |
| For control room Multiviewer and pre-view for recording lectures in either room (2241,2223,2103)  (“Smith’s Page” ??) | |
| [Markertek](https://www.markertek.com/product/bmd-multiview16/blackmagic-multiview-16-video-multiviewer-for-16-channels-of-sdi) | |
| YaeKoo CCTV joystick Keyboard Controller LCD Display for PTZ Speed Dome Camera control | https://encrypted-tbn2.gstatic.com/shopping?q=tbn:ANd9GcR5Pne2ONPuCt_rSyzzD8hmf68ftelNAgwUUMYJQIRGMfo_ujzS9F4px9dHJK2mVj4q5CeqygBq&usqp=CAE | $53 | |
| Need only 1  Control cameras once we concert to RS485 from RS232 | |
| Amazon | |
|  |  |  | |
|  |  | **Total: $5723**  (41+ power supplies) | |