|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| vMix – 4K   * New Computer Motor is needed | vMix Software | | | | | $700 |  |
| Replaces:   * Focus MX4 Video Switch * 2 Monitors * Pinnacle Studio | |
| Blackmagic DeckLink Quad 2 - Video capture adapter - PCIe x8   * New Computer Motor is needed | https://encrypted-tbn0.gstatic.com/shopping?q=tbn:ANd9GcQT2EudZPs36UWXeEHYJtUwJCYPhKi-dDSSvtWvKp-PTlAms54&usqp=CAY | | | | | $995 | |
| B&H Photo AV  Or Markertek  Replaces:   * Dazzle 1ch input | |
| 2 card 5ch Option:   * [Blackmagic DLDUO2 DeckLink Duo 2](https://www.google.com/aclk?sa=l&ai=DChcSEwig7dHr7JvaAhWPwMgKHVVPDh8YABAJGgJxdQ&sig=AOD64_3xl2We8_Tti4P6ayfEuPmf2XRe2A&ctype=5&q=&ved=0ahUKEwiSl8zr7JvaAhXC54MKHTavAvkQwzwIJw&adurl=) $495. * [Blackmagic DeckLink Mini Monitor SD/HD PCI-E Card](https://www.google.com/aclk?sa=l&ai=DChcSEwig7dHr7JvaAhWPwMgKHVVPDh8YABAFGgJxdQ&sig=AOD64_2W1G5khkk2MbjCteeZSh72AyJrQQ&ctype=5&q=&ved=0ahUKEwiSl8zr7JvaAhXC54MKHTavAvkQwzwICQ&adurl=) $145. * $640 to $990 | |
| **Smart Videohub**  **2 40x40**  Advanced 40 x 40 multi format SD, HD and Ultra HD SDI router with built in video monitoring, spin knob control, and 6G-SDI technology.  Only because all video lines are with both rooms. The control room is the 2nd dairy user | https://encrypted-tbn1.gstatic.com/shopping?q=tbn:ANd9GcSYhvMS6GG8VmhKlU9DCWARaLbCrW5LQaVHyMvIRFao7Mn2eXKl&usqp=CAY | | | https://encrypted-tbn1.gstatic.com/shopping?q=tbn:ANd9GcSYhvMS6GG8VmhKlU9DCWARaLbCrW5LQaVHyMvIRFao7Mn2eXKl&usqp=CAY | | $2995. – 40x40  $2995. - $40x40 | |
| Replaces :   * 95% of Patchbay * CR Video Router * CR RGB Router * 3 Scan Converters * 4 Video DA’s | |
| B&H Photo AV | |
| Sub Total: $5990. | |
| 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  Adds:   * Camera Controls | |
| Amazon | |
| Samsung Monitors | Samsung 40" Class FHD (1080P) LED TV (UN40H5003BFXZA) | | | | | 1. ~ $450 2. ~ $550 3. ~ $160 | |
| 1. CR Multiviewer    * UN50MU6070F 2. CR Computer    * LU32H850U MNXZA 31.5” 3. 2103 preview    * SD300 21.5” | For control room Multiviewer and pre-view for recording lectures in either room (2241,2223,2103)  Replaces   * All CR monitors   Adds   * more views * 1st step towards the “Smith Page” | |
| Anywhere | |
|  | Sub Total: $1160. | |
| Blackmagic MultiView 16 Video Multiviewer for 16-Channels of SDI | https://www.markertek.com/productImage/alternate-1/125x125/BMD-MULTIVIEW16.JPG  “Smith Page” will require a 2nd unit, which can be smaller. | | | | | $1495 | |
| Replaces   * All CR monitors   Adds   * more views * 1st step towards the “Smith Page” | |
| B&H Photo AV | |
|  |  | | | | | **Total: $10393.** | |
| Crestron Digital Media(DM) Items to “Update”  Rooms 2241, 2223, 2237, and 2103 to match room 2103 HD capabilities. Plus expanding the video bridge to digitally (HD) record any lecture within these rooms or bridge the rooms for overflow.  {Most everything is now on eBay (used and new)} | | | | | | | |
| **Crestron DM-MD32X32** | https://i.ebayimg.com/images/g/H8kAAOSwWxNY29-U/s-l1600.jpg | | | | | MSRP - $18400  A+ Price - $11500 | |
| eBay  $3500 - $7000 | |
| Need 1 unit | |
| ~ $5500 | |
| Crestron Pro3 Series Advanced Control Processor  May need additional com port card(s) | https://embed.widencdn.net/img/crestron/ptwabopa45/exact/photo_pro3_comp.jpeg | | | | | MSRP - $5300.  A+ Price - $3300. | |
| eBay  $200 to $5600 | |
| Need 1 unit | |
| $2500 | |
| DMC-C-DSP DigitalMedia 8G+ Input Card | https://i.ebayimg.com/images/g/Qi8AAOSwXXpawXZT/s-l1600.png | | | | | Discontinued  Replacement DMC-4K-C-DSP-HDCP2 ( $815) A+ | |
| eBay  $75 - $150 {125} | |
| Need:   * 8 for 2241 * 5 for 2223 * 2 for 2103 * 2 for CR | Need 17 | |
| Sub Total: $1500  To $2300. | |
| Blackmagic Design Mini Converter HDMI to SDI 4K | http://www.fullcompass.com/common/products/original/194261.jpg | | | | | $265 Each up to $300 | |
| Need 10 to replace and add Tie-lines | |
| Need:   * 4 for 2241 * 4 for 2103 * 3 for 2223 | Full Compass | |
| Sub Total: $3000 | |
| DMC-SDI Input Card | https://i.ebayimg.com/images/g/DvAAAOSwKIdacg4~/s-l1600.jpg | | | | | MSRP - $1200  A+ Price - $750 | |
| eBay  ~$150 | |
| Need:   * 8 for 2241 * 4 for 2223 * 8 for 2103 | Will need at least 20 cards | |
| Sub Total: $3000 | |
| DMCO-33 output Card  Or Equivalent | https://i.ebayimg.com/images/g/pBkAAOSwopRYdklE/s-l1600.jpg | | | | | Discontinued | |
| eBay  ~$200 | |
| Need:   * 1 for 2241 * 1 for 2223 * 2 for Smithpage | Need 4 card | |
| Sub Total: $800 | |
| DMCO-55 Digital Media Output Card  Or Equivalent | Crestron-DMCO-55-Digital-Media-Output-Card-DM-MD8x8-MD16x16-DM-MD32x32-HDbaseT | | | | | Discontinued | |
| eBay  ~$400. - $500. | |
| Need:   * 1 for 2241 * 1 for 2237 | Need 2 | |
| Sub Total: $1000 | |
| Steaming Card  DMCO-77 (Dual output)  Or Equivalent H.264  Maybe difficult to obtain.  Replaced with  DMC-STRO | https://i.ebayimg.com/images/g/3IoAAOSwzPFZ34JV/s-l1600.jpg This is the replacement  Looking into other options | | | | | Discontinued (77) | |
| Not on eBay yet  {500 -1000} Newer Replacement Card  ~$800. (stro) | |
| Need 2 ports each:   * for 2241 * for 2223 | Need 4 (stro) or  2 (DMCO-77) | |
| Sub Total: $1600  To $2000. | |
| Wall Plate DM Transmitter 200 DM-TX-200-2G HDMI | https://i.ebayimg.com/images/g/aUAAAOSwz~VZptQS/s-l1600.jpg | | | | | Discontinued | |
| eBay  $40 - $200 | |
| Need:   * 5 for 2241 * 3 for 2223 * 1 for 2103 * ***1 for 2237 CR*** | Need ~10 | |
| Sub Total: $900 | |
| DM-TX-201-C | https://i.ebayimg.com/images/g/B1MAAOSwytJaIJgQ/s-l1600.jpg | | | | | MSRP - $1300  A+ Price - $813 | |
| eBay  $40 - $300 | |
| Need:   * 3 for 2241 * 2 for 2223 * 1 for 2103 | Need 6 | |
| Sub Total: $1200 | |
|  |  | | | | |  | |
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| Touch Screens for 2241,2237, & 2223  Plus:  Cable V-CBL-S6-B  Is needed  24Vdc, 2A Power Supplies maybe needed.  2223 doesn’t need video preview. TSW-1050 would work or perhaps one of our older units. Up to programmer… | https://i.ebayimg.com/images/g/wSIAAOSwhqJYWuIJ/s-l1600.jpg | | | | | Discontinued | |
| eBay  $160 - $480 | |
| Need 3   1. 2241 2. 2237 3. 2223 | |
| Sub Total: $1500 | |
| TPMC-V-IMCW  Power supplies maybe needed | https://i.ebayimg.com/images/g/YXYAAOSwHgVW7zzl/s-l1600.jpg | | | | | Discontinued | |
| eBay  $15 - $100 | |
| Need 3 | |
| Sub Total: $150 | |
| DM-RMC-SCALER-C | https://i.ebayimg.com/images/g/ynwAAOSwxrlaqKVa/s-l1600.jpg | | | | | MSRP $1400  A+ Price 875 | |
| eBay  $30 - $100 | |
| Need 5   * 3 in 2241 * 2 in 2223 | Need 5   * Projectors | |
| Sub Total: $500 | |
| 1000’ of CAT 6a shielded  Plus:  Tips are needed | https://showmecables-static.scdn3.secure.raxcdn.com/media/catalog/product/cache/image/700x460/e9c3970ab036de70892d86c6d221abfe/c/6/c6psh-2059bk_05_2.jpg | | | | | $160 -$280 each | |
| At least 9 runs to rm 2241 (~1600’)  At least 6 runs to 2223 (~300’) | |
| Need around 1900’ | |
| Sub Total: ~$400 | |
|  | | |  | | | **Total: $23,850.** | |
| **Grand Total: $33,243.** | |
| Rough Cast for 2241 | | Rough Cast for control room | | Update 2103 to SDI | Upgrade of 2223 plus  Extra functions for all rooms. | | |
| $17,645. | | $3,258. | | $5,995. | $6,345. | | |
| Misc. Other Items: | | | | | | | |
| 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) | |
| Need only 1  Control cameras once we concert to RS485 from RS232 | |
| Optional, Not sure if it’s needed yet. | |
| Blackmagic Design CONVMCAUDS  Audio to SDI Mini Converter | http://www.fullcompass.com/common/products/original/161508.jpg | | | | | ~ 195 each | |
| B&H Photo AV | |
| Need Unknown  Maybe 2 or 4 | |
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