|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Updating the Control ROOM 2237** | | | | |  |  |
| 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 | | | | |  | |
| B&H Photo AV  Or Markertek  Replaces:   * Dazzle 1ch input | |
| Sub Total: $995. | |
| **Smart Videohub**  **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. | https://encrypted-tbn1.gstatic.com/shopping?q=tbn:ANd9GcSYhvMS6GG8VmhKlU9DCWARaLbCrW5LQaVHyMvIRFao7Mn2eXKl&usqp=CAY | | |  | | $2995. - $40x40 | |
| Replaces :   * Patchbay * CR Video Router * CR RGB Router * 3 Scan Converters * 4 Video DA’s | |
| B&H Photo AV | |
| Sub Total: $2995. | |
| 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 | | | | | Amazon | |
| Need only 1  Control cameras once we concert to RS485 from RS232  Adds:   * Camera Controls | |
| Sub Total: $60. | |
| Samsung Monitors | Samsung 40" Class FHD (1080P) LED TV (UN40H5003BFXZA) | | | | | 1. ~ $450 2. ~ $550 | |
| 1. CR Multiviewer    * UN50MU6070F 2. CR Computer    * LU32H850U MNXZA 31.5” | 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: $1000. | |
| 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 smaller unit, which can be HDMI I/O (under $400. Each) | | | | | $1495 | |
| Replaces   * All CR monitors   Adds   * more views * 1st step towards the “Smith Page” | |
| Sub Total: $1495 | |
| DMC-HD-DPS or  DMC-4K-HD-HDCP2 | https://i.ebayimg.com/images/g/m4cAAOSwQHpbI03e/s-l1600.jpg | | | | | {4k-HD card}  MSRP - $800  A+ Price - $500 | |
| Ebay: $100 - $500 | |
| Need:   * 2 for 2237 | Need 2 | |
| Sub Total: $400 | |
| DM-TX-4K-100-C-1G-B-T | https://i.ebayimg.com/images/g/SUAAAOSwSfRbP3Wt/s-l1600.jpg | | | | | MSRP - $700  A+ Price - $438 | |
| eBay  $125 - $300 | |
| Need 2 for the  Conferencing Computer |  | |
| Sub Total: $500 | |
| Touch Screens for,2237,  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. 2237 | |
| Sub Total: $400 | |
| TPMC-V-IMCW  Power supplies maybe needed | https://i.ebayimg.com/images/g/YXYAAOSwHgVW7zzl/s-l1600.jpg | | | | | Discontinued | |
| eBay  $15 - $100 | |
| Need 1 | |
| Sub Total: $50 | |
| 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 3 | |
| Sub Total: $600 | |
|  | | |  | | | **Total: $9,195.** | |
|  | |
| **Rough Cast for rm2241 to SDI and to 6G/4K output** | | **Rough Cast for control room to SDI and to 6G/4K** | | **Update rm2103 to SDI and to 6G/4K output** | **Rough Cast for rm2223** | | |
| **$21,556.** | | **$9,195.** | | **$6,255.** | **$4,015.** | | |