

Umschalter

# 4K 8-Kanal Rackmontierbarer Digitaler Video-Switcher

## SE-4000MU

|                                    |                                                                                                                                                                                                                     |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Standard                     | 4K & HD                                                                                                                                                                                                             |
| Video Format                       | Input:<br>3840x2160p: 60/59.94/50/30/29.97/25<br>1080p: 60/59.94/50/30/29.97/25<br>1080i: 60/59.94/50<br><br>Output:<br>3840x2160p: 60/59.94/50/30/29.97/25<br>1080p: 60/59.94/50/30/29.97/25<br>1080i: 60/59.94/50 |
| Video Processing                   | SDI: 4:2:2 10-bit<br>HDMI: YUV 4:2:2 10-bit, RGB: 4:4:4 8/10-bit                                                                                                                                                    |
| Input Routable / Crosspoint        | YES                                                                                                                                                                                                                 |
| Video Input                        | Total 8 live inputs (select 8 from 12)<br>8 x 12G-SDI<br>4 x HDMI                                                                                                                                                   |
| Mix HD & SD Source                 | ----                                                                                                                                                                                                                |
| Computer Graphic Interface         | 4 via HDMI                                                                                                                                                                                                          |
| Video Output                       | 4 x 12G-SDI<br>3 x HDMI<br>All assignable: Multiview, PGM, PVW, PGM+DSK, Clean PGM, Clean PVW, Input 1-12                                                                                                           |
| Down-converted Output              | Yes                                                                                                                                                                                                                 |
| Built-in Multi-view Monitoring Out | HDMI & SDI assignable                                                                                                                                                                                               |
| Analogue Audio Input               | 4 x Analogue XLR                                                                                                                                                                                                    |
| Analogue Audio Output              | 2 x Analogue XLR                                                                                                                                                                                                    |
| Digital Embedded Audio Support     | Input 4 channels, Output 4 channels                                                                                                                                                                                 |
| Audio Delay Calibration            | Up to 16 fields or 8 frames per channel                                                                                                                                                                             |
| A+V Switching                      | Yes                                                                                                                                                                                                                 |
| Chromakey                          | 4                                                                                                                                                                                                                   |
| Title Creator                      | Yes (Coming soon by firmware update)                                                                                                                                                                                |
| USK                                | 4x Keyer support Chromakey/ Linear/ Luma Key                                                                                                                                                                        |
| DSK                                | 2x DSK support Lumakey & Linear key (Key / Fill)                                                                                                                                                                    |
| Picture in Picture                 | 2                                                                                                                                                                                                                   |
| Logo Insertion                     | 2                                                                                                                                                                                                                   |
| Still Store                        | 250                                                                                                                                                                                                                 |
| Effects                            | FTB, Cut, 32 Wipe with border                                                                                                                                                                                       |

|                         |                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------|
| Transition Preview      | Full transitions preview                                                                                    |
| Sync / Reference In/Out | 1 x BNC Ref in<br>1 x BNC Ref out (loop-through)<br>(available after firmware upgrade)                      |
| Tally Output            | 1x D-sub 25pin, dual color                                                                                  |
| PC Remote Control       | DVIP (Ethernet)                                                                                             |
| Camera Control          | ----                                                                                                        |
| Built-in Audio Mixer    | Yes                                                                                                         |
| Storage                 | ----                                                                                                        |
| Recording File System   | ----                                                                                                        |
| Recording File Format   | ----                                                                                                        |
| Video Encode            | ----                                                                                                        |
| Audio Encode            | ----                                                                                                        |
| Streaming Protocol      | ----                                                                                                        |
| Firmware Update         | USB / Ethernet                                                                                              |
| Special Features        | ----                                                                                                        |
| Chassis                 | 2RU rack-mount mainframe                                                                                    |
| Dimension (LxWxH)       | 432 x 250 x 88 mm                                                                                           |
| Weight                  | 4.5 kg                                                                                                      |
| Power                   | DC 12V, 126W                                                                                                |
| Operating Temp. Range   | 0~40 °C                                                                                                     |
| What's in the Box       | 1 x SE-4000MU<br>1 x AD Switch DC 12V<br>1 x AC Cord<br>1 x Ethernet Cable<br>12 x Screw<br>2 x 2U Ear Rack |