

| Video Adapter Model       | Input Sampling | Input types                                           | Output Rate   | Output Types                                                        | Resolution  | Special features<br>Image Flip | Scale           | (Note 1)<br>FRC | De-<br>interlace | RoHS | Inverter<br>Interface | Dimensions   | Note 4<br>Power            |
|---------------------------|----------------|-------------------------------------------------------|---------------|---------------------------------------------------------------------|-------------|--------------------------------|-----------------|-----------------|------------------|------|-----------------------|--------------|----------------------------|
| <a href="#">VP7</a>       | up to 162 MHz  | RGB<br>DVI (TMDS)<br>RS343/RS170<br>NTSC/PAL (option) | up to 162 MHz | 1 channel TTL<br>2 channel TTL<br>1 chan LVDS<br>2 chan LVDS        | up to UXGA  | yes                            | yes<br>(Note 2) | yes             | yes              |      | yes                   | 5" x 4"      | 12VDC or 5VDC<br>5.5 Watts |
| <a href="#">VP7-Short</a> | up to 162 MHz  | RGB<br>DVI (TMDS)<br>RS343/RS170                      | up to 108 MHz | 1 channel TTL<br>1 chan LVDS                                        | up to SXGA  | yes                            | yes<br>(Note 2) | yes             | yes              |      | yes                   | 5.25" x 2.5" | 5VDC<br>4 Watts            |
| <a href="#">VP8</a>       | up to 162 MHz  | RGB<br>DVI (TMDS)<br>RS343/RS170<br>NTSC/PAL (option) | up to 162 MHz | 1 channel TTL<br>2 channel TTL<br>1 chan LVDS<br>2 chan LVDS        | up to WUXGA |                                | yes<br>(Note 2) | yes<br>(Note 3) | yes              | yes  | yes                   | 5" x 4"      | 12VDC or 5VDC<br>5.5 Watts |
| <a href="#">VP8-Short</a> | up to 162 MHz  | RGB<br>DVI (TMDS)<br>RS343/RS170                      | up to 108 MHz | 1 channel TTL<br>1 chan LVDS                                        | up to SXGA  |                                | yes<br>(Note 2) | yes             | yes              | yes  | yes                   | 5.25" x 2.5" | 5VDC<br>4 Watts            |
| <a href="#">VP4E</a>      | up to 110 MHz  | RGB                                                   | up to 110 MHz | 1 channel TTL<br>1 chan LVDS                                        | up to SXGA  |                                |                 |                 |                  |      |                       | 3' x 3"      | 12VDC or 5VDC<br>3 Watts   |
| Video Adapter Model       | Input Sampling | Input types                                           | Output Rate   | Output Types                                                        | Resolution  | Blend                          | Scale           | (Note 1)<br>FRC | De-<br>interlace | RoHS |                       | Dimensions   | Power                      |
| <a href="#">VP9</a>       | up to 162 MHz  | RGB<br>DVI (TMDS)<br>RS343/RS170<br>NTSC/PAL (option) | up to 162 MHz | 1 channel TTL<br>2 channel TTL<br>1 chan LVDS<br>2 chan LVDS<br>DVI | up to UXGA  | yes<br>(Note 4)                | yes             | yes             | yes              |      | yes                   | 8" x 6"      | 12VDC<br>10 Watts          |

Notes

1. Frame Rate Conversion
2. unlimited zoom, limited to 50% shrink
3. Frame rate conversion is limited above SXGA
4. extensive video blending, including: RGB key, luma key, HSV key, alpha blend, symbology-encode alpha, blue alpha, more
5. Approximate power consumption at SVGA input / output timings, not including backlight