

**TV Pro Inc.**  
5376 Magnolia Ave  
Saint Louis, MO 63139  
Telephone 314-436-9314

**DVD to Video order form:**

Please print these pages and complete the information below. Be sure to include this form with your order.

MasterCard – Visa Information

*Credit Card Account Holder and Billing Address*

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip code \_\_\_\_\_

Telephone # \_\_\_\_\_ (day) \_\_\_\_\_ (evening)

Website url \_\_\_\_\_ Email Address \_\_\_\_\_

\_\_\_\_\_ Visa \_\_\_\_\_ MasterCard 3-digit number on back of card \_\_\_\_\_

Account Number \_\_\_\_\_

Expiration Date: Month \_\_\_\_\_ Year \_\_\_\_\_

Shipping Address

*Please complete if different from above.*

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip code \_\_\_\_\_

Telephone # \_\_\_\_\_ (day) \_\_\_\_\_ (evening)

Videotape to DVD	Description of Package and Pricing
<b>VHS - S(VHS) - Hi8 - Digital8 miniDV</b>  <b>DVCPro - Umatic ¾ in. - Pal/Secam</b> <b>Conversions – BetaMax – HD tape</b> <b>Beta-Cam SP, Digital Beta-Cam SX</b>	<b>\$15.00</b> for less than 70 minutes per tape <b>\$30.00</b> for 70minutes to 125 minutes per tape <b>\$45.00</b> for 126 minutes to 180 minutes per tape <b>\$15.00</b> for each part of an hour thereafter  <b>Price is \$1.00 per minute with a \$30.00 minimum charge</b>
<b>Videotape to an External Hardrive</b>  <b>Editing Video or Photos</b>	<b>\$0.50</b> per minute with a <b>\$60.00</b> minimum charge (Microsoft avi, DV type II ) compatible with PC and Mac <b>Digital Tape</b> will be captured in its native format <b>\$75.00 per hour</b>
<b>Duplications DVD-R</b> <b>Duplications Blu-ray</b> <i>Glass mastering of DVD</i>	Basic DVD-R <b>\$15.00</b> ea. Large quantities. <i>Call</i> <b>Blu-ray is \$25.00 each</b> <i>Minimum order of 1000 dubs. Call 314-436-9314</i>
Audio Tape To CD	Description of Package and Pricing
<b>60 Minute Cassettes / Micro Cassettes</b> <b>Over 60 Minutes Cassettes</b> <b>33rpm &amp; 45rpm records (LPs)</b> <b>78rpm records (Old LPs)</b> <b>Reel to Reel tape</b> <b>DAT tapes</b> <b>Audio Editing</b>	<b>\$20.00</b> <b>\$30.00</b> per side <b>\$30.00</b> per record <b>\$50.00</b> per record <b>\$0.50</b> per minute with a <b>\$30.00</b> minimum charge <b>\$50.00</b> per tape <b>\$60.00</b> per hour ( Noise removal – Sweetening )

Photograph - Film & Slide Transfers	CD - Basic DVD-R
<b>Photographs</b> <b>Slides</b> <b>Hi-Res Slides</b> <b>Negatives</b> <b>Hi-Res Negative</b>	<b>\$2.50</b> Per Scan or Digital Photograph <b>\$1.00</b> Per Slide ( about a 1.5mb file ) <b>\$2.50</b> per slide ( 3mb to 4mb file ) <b>\$3.00</b> per negative ( about a 1.5mb file ) <b>\$3.50</b> per negative ( 3mb to 5mb file )
<b>Custom Program with Music 16x9 format</b> <b>Blu-ray</b>	<b>\$75.00 per hour for editing</b> Add <b>\$25.00</b>
<b>Duplications DVD</b> <b>Duplications Blu-ray DVD</b>	<b>\$15.00</b> ea. <b>\$25.00</b> ea
<b>16mm - 8mm Film - Super 8mm</b> <b>Super 8mm &amp; 16mm w/Sound</b> <b>No Chapter Points. Play Menu</b>	<b>\$.18</b> per ft to both DVD and your external drive <b>\$75.00</b> minimum charge on all film transfers. <i>For Chapter Points see below</i>

**Chapter Points: Please fill in below and number your reels with the corresponding chapter link.**

**\$5.00 per chapter point. 8 chapter points per menu with 2 menus per DVD. Each Chapter point will link to corresponding reel.**

*Title of DVD #1* ( \_\_\_\_\_ ) 30 characters maximum.

*Title of Menu 1:* ( \_\_\_\_\_ ) 30 characters maximum.

Chapter Link: ( \_\_\_\_\_ ) Reel labeled ( ) 15 characters maximum.

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*Title of Menu 2* ( \_\_\_\_\_ ) 30 characters maximum.

Chapter Link: ( \_\_\_\_\_ ) Reel labeled ( ) 15 characters maximum.

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Please include any special instructions here:

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**Title of DVD #4** ( \_\_\_\_\_ ) 30 characters maximum.

**Title of Menu 1:** ( \_\_\_\_\_ ) 30 characters maximum.

Chapter Link: ( \_\_\_\_\_ ) Reel labeled ( ) 15 characters maximum.

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**Title of Menu 2** ( \_\_\_\_\_ ) 30 characters maximum.

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## **Slide Transfers to CD-R or DVD-R to be used for Printing or PowerPoint Presentations**

1. For printing, every scan will be at least 300 dpi.
2. You will receive a uncompressed tiff file (industry standard) along with a same size jpeg.
3. Dust and scratch removal is applied to every scanned transparency unless otherwise noted. This software technology works wonders with old 35mm slides or negative.
4. Color restoration (using software and common sense) will be applied to each scanned slide or negative.
5. Some cropping and proper rotation will be applied to each slide unless noted otherwise.
6. Digital ROC for color restoration of old, faded negatives
7. Digital GEM for grain reduction without loss of image detail
8. Sophisticated color management for ICC profiling
9. PowerPoint's are saved as JPEGs, sRGB profile at 1024 pixels for the longest side (width or length)

Slides are digitized using a 35mm film/slide scanner. This enables us to modify color saturation and contrast for a more pleasant viewing before we place them on a DVD/CD or other format. When we scan the slides software removes some of the dust and scratches that may have occurred over years of storing. Color correction can be done on an individual slide if required and sizing/cropping is now possible when needed. Resolution of scanners is significantly higher than that of cameras and color saturation is much better. Working with images in the digital domain allows more flexibility and creativity with the presentation. Each photograph, slide or negative will be color corrected as needed in Photoshop.

Slides must be stacked or banded in multiples of 12 or less, aligned and facing in the same direction, in sequential order. For example: An order of 60 slides would be stacked in 5 bands, aligned with all the emulsion sides facing the same direction and oriented horizontally. Failure to do so may result in additional charges. Editing charges apply when titles or other media is added to the program. Rotation of Vertically shot slides will be rotated after we digitize the transparency.

Images can be sized for a PowerPoint Presentation and placed on CD-Rom if desired. PowerPoint's are typically saved as JPEGs, sRGB profile at 1024 pixels for the longest side (width or length). The fee is \$.50 per each additional size or format requested. All Missouri Residents must add sales tax. Payments may be made with MasterCard, Visa or Personal Check. If paying by personal check please allow an additional 10 days for delivery. FedEx or UPS cannot ship to a P. O. Box, therefore shipping and handling charges will apply for all orders that must be mailed.

### **Color Management (How we manage the color)**

Most low-end scanners give you no choice about the "color space" the scan is performed in, simply making some broad assumption about the sort of monitor you're using, and how it is set up. By contrast, our scanner provides a wide range of color space choices, and screen gamma settings of 1.8 and 2.2 (the default gammas for Windows and Macintosh monitors, respectively). With the color management option enabled, Nikon Scan also supports the full ICC-standard workflow. The software chooses an input profile based on the scanner model it detects, uses the one of the offered color spaces as the "edit" profile, and allows you to specify a monitor profile for accurate screen display. (You develop your own monitor profile using any of a number of available profiling applications.) The chart below (courtesy of Nikon USA Inc) shows the colorimetric parameters for the standard edit color spaces offered.

Profile	White Point		Gamma Value	Chromaticity (x,y)			
	Name	Value		Name	R	G	B
Apple RGB	6500K (D <sub>65</sub> )	x 0.3127159 y 0.3290015	1.8	Trinitron	x 0.625 y 0.34	x 0.28 y 0.595	x 0.155 y 0.07
ColorMatch RGB	5000K (D <sub>50</sub> )	x 0.3457029 y 0.3585386	1.8	P22-EBU	x 0.63 y 0.34	x 0.295 y 0.605	x 0.155 y 0.077
Apple RGB (Compensated)	6500K (D <sub>65</sub> )	x 0.3127159 y 0.3290015	1.8	Custom	x 0.65 y 0.341	x 0.265 y 0.717	x 0.14 y 0.0454
sRGB	6500K (D <sub>65</sub> )	x 0.3127159 y 0.3290015	2.2	HDTV (CCIR 709)	x 0.64 y 0.33	x 0.3 y 0.6	x 0.15 y 0.06
NTSC (1953)	Std Illuminant C	x 0.3101 y 0.3162	2.2	NTSC (1953)	x 0.67 y 0.33	x 0.21 y 0.71	x 0.14 y 0.08
Bruce RGB	6500K (D <sub>65</sub> )	x 0.3127159 y 0.3290015	2.2	Bruce RGB	x 0.64 y 0.33	x 0.28 y 0.65	x 0.15 y 0.06
Adobe RGB (1998)	6500K (D <sub>65</sub> )	x 0.3127159 y 0.3290015	2.2	Adobe RGB (1998)	x 0.64 y 0.33	x 0.21 y 0.71	x 0.15 y 0.06
CIE RGB	Std Illuminant E	x 0.3333333 y 0.3333333	2.2	CIE RGB	x 0.735 y 0.265	x 0.274 y 0.717	x 0.167 y 0.009
Wide Gamut RGB	5000K (D <sub>50</sub> )	x 0.3457029 y 0.3585386	2.2	700/525/450nm	x 0.7347 y 0.2653	x 0.1152 y 0.8264	x 0.1566 y 0.0177
Default Windows Monitor	6500K (D <sub>65</sub> )	x 0.3127159 y 0.3290015	2.2	HDTV (CCIR 709)	x 0.64 y 0.33	x 0.3 y 0.6	x 0.15 y 0.06
Default Macintosh Monitor	5000K (D <sub>50</sub> )	x 0.3457029 y 0.3585386	1.8	Trinitron	x 0.625 y 0.34	x 0.28 y 0.595	x 0.155 y 0.07

**For professional applications, ICC profiles and a robust color-management system are essential for repeatable color and an efficient workflow.**

Scanning 35mm film size - Computing print short side

Scanning 1.42 x 0.94 inches (36.0 x 24.0 mm) size of 35mm slide

requires the MINIMUM Scanning Resolution of 2540 dpi (1000 pixels/cm)

(Minimum meaning any cropping requires greater scanning resolution)

to print 12.00 x 8.00 inches (304.8 x 203.2 mm) at 300 dpi (118 pixels/cm).

**Input (scanning parameters)**

(1.417 inches x 2540 dpi) x (0.945 inches x 2540 dpi) = 3600 x 2400 pixels

Output (printing parameters)

(12.000 inches x 300 dpi) x (8.000 inches x 300 dpi) = 3600 x 2400 pixels

The image size in memory is:

49.438 MB if 48 bit RGB

32.959 MB if 32 bit CMYK

24.719 MB if 24 bit RGB (most common)

16.479 MB if 16 bit Grayscale

8.240 MB if 8 bit Grayscale

**Determining the necessary pixel resolution for printing to a required print size or for computer monitor display:**

**FOR PRINTING:** Multiply the length and the width of your intended print size (in inches) by 300 (printing at the equivalent of 300 PPI is universally accepted as generating photo quality output) This formula will give you the pixel resolution (length and width in pixels) that you need to have to print to your required size with photo quality. Actually, some printing systems will work with quite nicely with 240 or 360 PPI. 300 is a safe minimum when you don't know the actual requirements of your printer.

**FOR MONITOR DISPLAY:** Decide the approximate fractional area of the monitor you'd like your image to cover and divide that into the current monitor resolution.

**PRINTING EXAMPLE:** You want to print a digital file to 16X20 inches. Multiply 16 times 300 and get 4800 and 20 times 300 to get 6000. Your digital file will need to have a pixel resolution of 4800X6000 pixels to print to 16X20 with a print output resolution of 300 PPI. This is about as large as you can go for a 35mm slide.

**MONITOR EXAMPLE:** Filing up 1/2 the monitor's side to side viewing area with an image when running 1024X768 pixel monitor resolution. Divide 1024 by 1/2 and we get 512 pixels necessary to cover half the monitor's 1024 pixel side to side viewing area. This is especially important when you are considering the scans for a PowerPoint Presentation.