



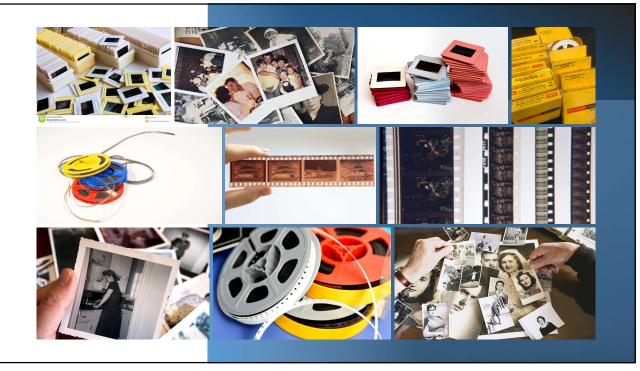








System Schematics



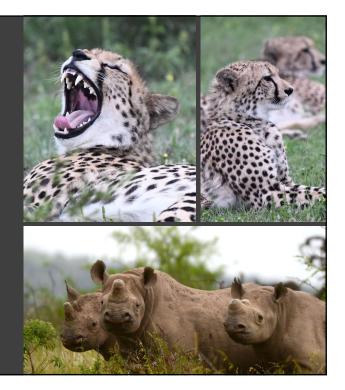
A Story About Photos and Backup

Date	Location	Total Number of Files	Total File Size (GB)
12/28/2018	Phinda	3930	96.9
12/29/2018	Phinda	8978	228.5
12/30/2018	Phinda	6960	180.8
12/31/2018	Phinda	6514	189.5
1/1/2019	Phinda/Tintswalo	4109	131.7
1/2/2019	Tintswalo	6888	180.6
1/3/2019	Tintswalo	2013	54.5
1/4/2019	Tintswalo	3728	86.3
	TOTAL	43120	1148.8

- •My sister Karen, husband Bill, and son David.
- •8 Day Photo Safari in Southern Africa
- •3 people, 6 Nikon camera bodies, 8 lenses, 1.2TB

A Story About Photos and Backup

- Cameras have digital memory cards
- Nightly backups of "daily memory cards" to 2 different portable USB drives
- 1 USB drive was used, the other was new
- Towards the end of the trip, things got busy and daily backups were only made to the new USB drive
- At home, the USB drive was unreadable!!
- There are lost photos!! These are some of what would have been lost.



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A Story About Photos and Backup

- Scott's recovery tools didn't work
- Drive sent to Drive Recovery Group for lab recovery
- 3 of 4 heads were good. 4th head was failing. After 3 weeks of the 4th head somewhat working, it finally completely failed.
- 4th head was replaced using a new technique (first time used)
- All photos recovered
- 5 weeks and \$1,795 later

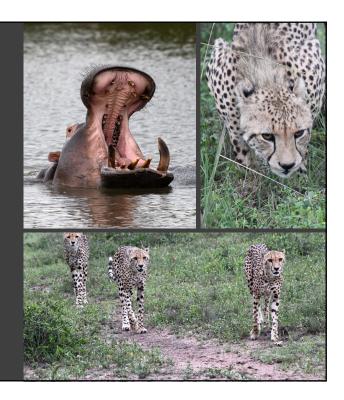
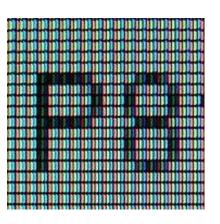
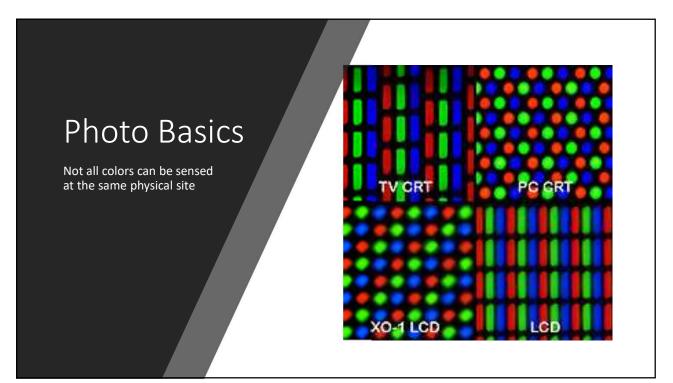
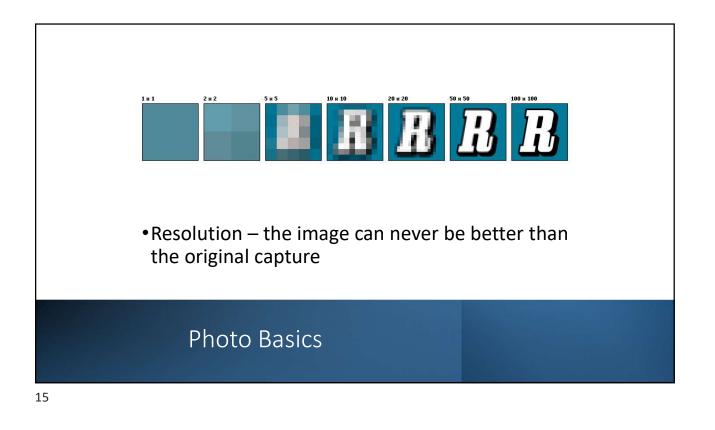


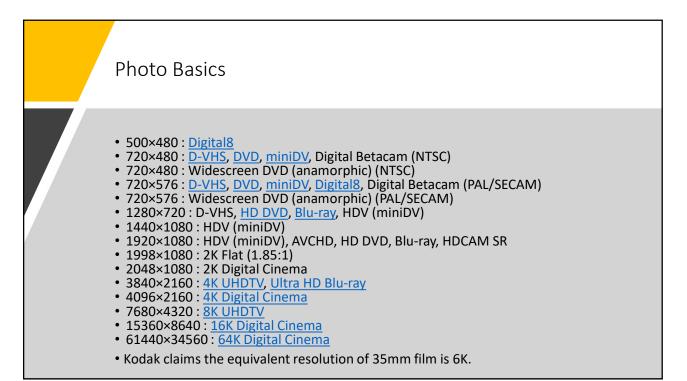
Photo Basics

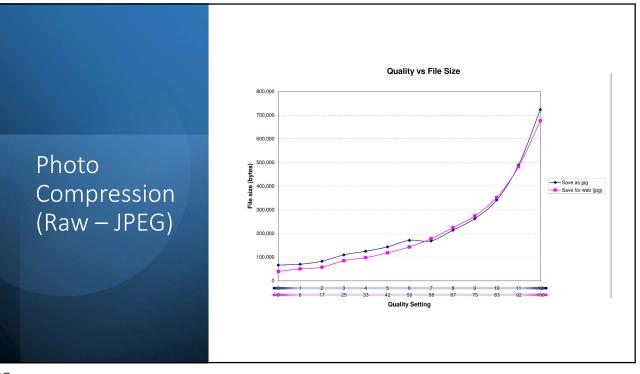
- Pixel (sometimes called Pel or Picture Element) is the physical point at which light is captured. The smallest addressable element
 - Intensity or brightness is variable
 - Component parts red, green, blue or cyan
 - Sometimes cameras are rated at megapixels
 - For example, a 640x480 pixel image is 307,200 pixels
- Bits per Pixel or bpp
 - 1 bpp = 2 colors (B&W)
 - 2 bpp = 4 colors
 - 24 bpp = 16,777,216 colors (also know as "Truecolor")







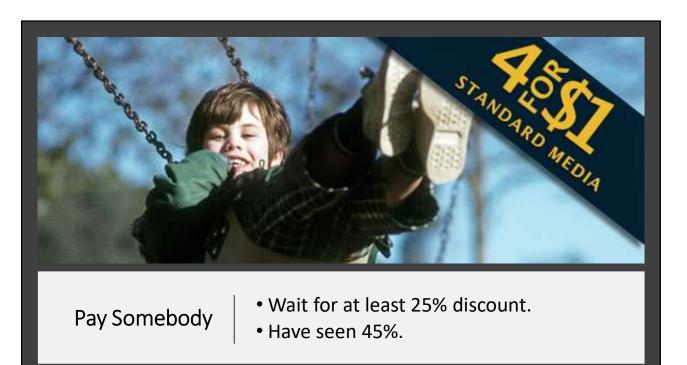


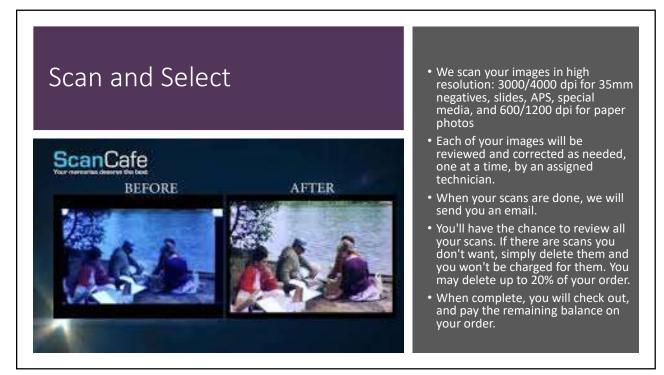










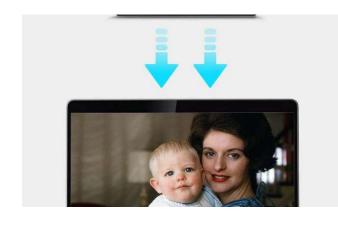








Video Tape (VHS/VHS-C, MiniDV, and Hi8/Digital*)



Full VHS tape \$22.99

VHS enjoyed surprising longevity for nearly 40 years, before the last remaining VCR/VHS factory was shuttered in 2016.

When you send your VHS tapes to us, they aren't outsourced to another country. All services are performed at our state-of-the-art lab in the USA. When you choose ScanCafe to digitize your nostalgic VHS tapes, you'll be delighted to see that the final output is often better than the original.



