

# VIDAR NDT Pro with TigerView Software

## X-Ray Film Digitizer for Non-Destructive Film



### SPECIFICATIONS

Nominal Resolution	Pixels (14" x 17" film)	Spot Size (µm)	DPI	Line Pairs Per mm	Digitizing Speed
2K x 2.5K*	2100 x 2550	170	150	3	27.8 seconds
4K x 5K	4200 x 5100	85	300	6	55.6 seconds
8K x 10K	7980 x 9690	44	570	11	105.6 seconds
Optical Density Range	0.5 to 4.0, based on ISO 14096				
Bit Depth	8, 12 & 16 bit grayscale output				
MTBF	≥50,000 hours				
Film Sizes	Width: 2.36" to 14" Length: 8" to 51" Specialty film sizes quoted are in single-sheet mode Auto feed supports 8" x 10" up to 14" x 17" sizes				
Auto Film Feeder	Standard 25-film capacity (mixed sized – no presorting necessary) "Light Box" loading: head-up, normal reading, left justified				
Translation Tables	Linear OD				
Geometric Accuracy	Better than 1% or 2 pixels, whichever is greater, in both axes				
Scan Rate	92 lines/second				
Hardware Interface	USB 2.0				
Software	Windows® scanning modules and software development tools available				
Power Requirements	Voltage: 85~264 Vac Frequency: 47~63 Hz Power: ≤100 Watts				
Operating Environment	50° to 95° F (10° to 35° C), 20% to 85% relative humidity, non-condensing				
Storage Environment	0° to 140° F (-18° to 60° C), 20% to 85% relative humidity, non-condensing				
Illuminator	LED Illuminator				
Detector	Solid-state, next-generation High Definition CCD (HD-CCD®)				
Dimensions	With Feeder & Exit Tray: 19" W x 22¾" D x 32½" H (48 cm x 58 cm x 83 cm) Without Feeder & Exit Tray: 19" W x 15" D x 12" H (48 cm x 38 cm x 32 cm) Shipping: 24" W x 29" D x 24" H (61 cm x 74 cm x 61 cm)				
Weight	45 lbs. (21 kg); shipping weight: 65 lbs. (27 kg)				

Specifications are subject to change without notice.