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xTex™ A2

Material Scanner Specifications and Requirements

HARDWARE SPECIFICATIONS

Dimensions (Hardware)	WxDxH: 92.5 x 93.3 x 166.3 cm (36.4 x 36.7 x 65.5 in)
Weight	126 kg (278 lbs)
Maximum Capture Area	55 x 37 cm (21.7 x 14.6 in)
Supported Capture Devices	Nikon D850
Capture Resolution	340 – 720 dpi - See supported lens section below
Connectivity / Interface	USB 2.0/3.0
AC Adapter	Input voltage: AC 100 – 240V Input frequency: 50 to 60 Hz
Warranty	12 months on-site
Electrical Standards	CE conformity (Compliance with legislation of the European Union)
Country of Origin	Germany

SUPPORTED LENSES	MODEL	CAPTURE AREA	APPROXIMATE RESOLUTION
	50mm F1.4 DG HSM A (Nikon Mount)	55 x 37 cm (21.7 x 14.6 in)	340 DPI
	AF-S NIKKOR 85 mm 1:1.8G	36 x 24 cm (14.2 X 9.4 in)	560 DPI
	AF-S VR Micro-Nikkor 105mm f/2.8G IF-ED	29 x 19 cm (11.4 x 7.5 in)	710 DPI

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xTex™ A4

Material Scanner Specifications and Requirements



HARDWARE SPECIFICATIONS

Dimensions (Hardware w/o camera)	WxDxH: 48.5 x 57 x 38 cm (19.1 x 22.4 x 15 in)
Weight	19.5 kg (43 lbs)
Maximum Capture Area	28 x 20 cm (11 x 7.9 in)
Supported Capture Devices	Nikon D810, Nikon D850
Capture Resolution	590 – 2240 dpi - See supported lens section below
Connectivity / Interface	USB 2.0/3.0
AC Adapter	Input voltage: AC 100 – 240V Input frequency: 50 to 60 Hz
Warranty	12 months carry-in
Electrical Standards	CE conformity (Compliance with legislation of the European Union)
Country of Origin	Germany

SUPPORTED LENSES

MODEL	CAPTURE AREA	APPROXIMATE RESOLUTION
Nikon AF-S Nikkor 35mm 1:1,8G ED	28 x 20 cm (11 x 7.9 in)	D810 - 590 DPI D850 - 660 DPI
AF-S Micro Nikkor 60mm f/2.8G ED	18 x 12 cm (7.1 x 4.7 in)	D810 - 1000 DPI D850 - 1140 DPI
AF-S VR Micro-Nikkor 105mm f/2.8G IF-ED	9 x 6 cm (3.5 x 2.4 in)	D810 - 2000 DPI D850 - 2240 DPI

**SOFTWARE
SPECIFICATIONS**

Operating System Support	64-bit Microsoft Windows 8.1, Windows 10
Minimum PC Hardware Requirements	64-bit Intel® or AMD® , 2 GHz or faster 8 GB RAM 500 MB free disk space (installation only) Screen resolution 1280 x 1024 px Microsoft Direct3D 11® capable graphics card or higher
Recommended PC Hardware	Intel® Xeon® E3 or Core i7 or equivalent, 3.0 GHz or faster 16GB RAM SSD storage Dual screens with a resolution of 1920 x 1080 or higher Microsoft Direct3D 11® capable graphics card or higher
Output	8 or 16 bit JPEG / PNG / TIF (textures), xml / json (metadata), NVIDIA MDL, .U3M, .xTex, Substance .sbs and .sbsar
Supported Shader Workflows and Maps	PBR / Metalness: Base Color, Normal, Displacement, Metalness, Roughness, Alpha (Transparency) Phong / Specular: Color, Normal, Displacement, Specular, Rough- ness, Alpha (Transparency)
Typical Capture Time	2-3 minutes depending on PC hardware and capture selection size

