Artec Eva

Manufacturer: Artec 3D

Artec Eva is a handheld white structured-light scanner for creating color 3D models. It scans medium-sized objects, including equipment parts, furniture components, and the human body.

Product page: https://cad.kz/en/catalog/3d_skanery/artec_eva/

Specifications

KEY SPECIFICATIONS

Scanner type	Handheld
3D point accuracy	0.1 mm
3D resolution	0.2 mm
3D accuracy over distance	0.1 mm + 0.3 mm/m
HD mode	Yes
Hybrid geometry and texture tracking	Yes
Data processing algorithms	Geometry and texture based
Working distance	0.4–1 m
Capture volume	61,000 cm³
Linear field of view H×W at near range	214 × 148 mm
Linear field of view H×W at far range	536 × 371 mm
Angular field of view, H×W	30 × 21°
Texture capture	Yes
Texture resolution	1.3 MP
Color depth	24 bit
3D reconstruction speed during real-time fusion	16 fps
3D reconstruction speed during 3D video recording	16 fps
Data acquisition speed	18 million points/s
3D exposure time	0.0002 s
2D exposure time	0.00035 s
3D light source	Flash lamp
2D light source	12 white LEDs
Display and touchscreen	No; image displayed on an external computer via USB
Multicore processing	On an external computer
Interface	1 × USB 2.0, compatible with USB 3.0

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Supported operating systems	Windows 7, 8, 10, 11 (x64)
Recommended computer requirements	Intel Core i7 or i9, 64 GB+ RAM, NVIDIA with 8 GB+ VRAM, CUDA 6.0+
Minimum computer requirements	HD: Intel Core i7 or i9, 32 GB RAM, NVIDIA with CUDA 6.0+ and 2 GB+ VRAM; SD: Intel Core i5, i7 or i9, 12 GB RAM, 2 GB graphics card
Polygonal 3D model formats	OBJ, PLY, WRL, STL, AOP, ASC, Disney PTX (PTEX), E57, XYZRGB
CAD formats	STEP, IGES, X_T
Measurement formats	CSV, DXF, XML
Power source	Mains power or external battery
Dimensions, H×D×W	262 × 158 × 63 mm
DESIGN	
Weight	0.9 kg

Supplier — CAD.kz

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КБЕ	17
Location	Республика Казахстан, 010000, город Астана, район Байконур, ул. Пушкина, д.6/1, ВП-1
IBAN	KZ248562203140498999
Bank	АО «Банк ЦентрКредит»
BIC	KCJBKZKX

Specifications are according to the manufacturer. The configuration, delivery time and price will be confirmed by a CAD.kz manager in the commercial offer.