



EX-PRO

Build around an Machine vision Camera, based on a HD light sensitive Sony sensor.

Completed with a professional Kowa lens. Working optimal with an Optoma EW330 ultra compact projector, producing professional scanning results for static objects . Optionally the EX-PRO Mobile scanner can have the Micro add-on as accessory, design to scan even the smallest part in high accuracy . (For tech spec's of this optional version pls refer to the EX Micro spec sheet).

Output is in .obj / .ply / .stl / .png or .ascii

Data can be saved in wireframe or point cloud with or without colour information.

This Travel Kit comes fully equipped in an in-flight travel case with compact light weight optical mounting components.

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Technical Specification



Geometry Camera	Sony XCD H280E
Geometry Resolution	1920 x 1080
Camera Interface	Gig E
Standard Lens	Pentax C1614-M
Focal Length	16mm
Iris Range	1,4 - 16
Focussing Range	0,25m - infinity
Framerate	30-60 Fps
Projector	Optoma EW 330e
Resolution	1280 x 800
Brightness	2200 ANSI Lumens
Range Near	0,4 m
Range Far	4,5 m
Pixel Size	4,54 μ m
Point Accuracy (mm)	0,05 (Average)
Point to Point distance	0.43 - 2.8 / 0.14 - 0.85 (with Micro add-on)
Acquisition Time	0,1 - 0,5 (dep settings)
Texture Camera	Optional
Max texture Resolution	12,4 Mp
Supported Texture Camera's	Canon 1000D/ 1100D /500D/ 550D /40D/50D/ 5D Mark II /7D Mark II/ 1Ds
Micro Add-on	Optional
SteadyScan	Optional
Object Scanning	Yes
Human Scanning	Yes, with SteadyScan enabled
Turntable Software Mode	Optional
Deepscan Software Mode	Optional
External Flashes	Optional for HQ texture
Calibration board incl tripod	Incl A3 Size incl Tripod
Studio Gear	Optional
Min Floor space	
Pref. Floor Space	
Laptop	Included
Min Spec's	Windows 7, 32-64 bit Intel Core i5, 3.1 Ghz or comparable 4Gb RAM GigE Network Dedicated Video card

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