



### **CX-PRO Mobile**

Based on the Mephisto 3d scan engine.

Build around an high-speed AVT Camera, based on a 1/3" light sensitive Sony sensor.

Completed with a varifocal lens. Working optimal with an Optoma EW330 ultra compact projector, producing professional scanning results for Static objects . The CX-PRO Face scanner has the SteadyScan ( motion compensation ) enabled, compensating for breathing and heartbeat during scanning for scanning "life" subjects

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.

# CX-MOBILE

## Technical Specification



Geometry Camera	Sony XCD-SX90
Geometry Resolution	1280 x 960 (8bits)
Camera Interface	FireWire
Standard Lens	Kowa LMVZ655
Focal Length	6,5 - 52 mm
Iris Range	1,8 - close
Focussing Range	0,2m- infinity
Framerate	30 Fps
Projector	Optoma EW 330e
Resolution	1280 x 800
Brightness	2200 ANSI Lumens
Range Near	0,4 m
Range Far	1,5 m
Pixel Size	3,75 $\mu$ m
Point Accuracy (mm)	0,15 ( Average)
Point to Point distance	0,118 - 1,2 mm
Acquisition Time	0,2 - 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	
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	
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 Express slot Dedicated Video card

# CX-MOBILE