

Product Name	Bellus3D Face Camera Pro
Model Number	FCP01
Production description	Dual structured light mobile 3D camera for high-resolution face scanning
Output file format	3D face model in OBJ with MTL Color texture map in JPG 3D face landmarks in OBJ and YML
Standard (SD) vs. High Definition (HD)	SD Face Model: ~6MB file size (OBJ) with 60,000 triangles and 2K (width) color texture map HD Face Model: ~24MB file size (OBJ) with 250,000 triangles and 4K (width) color texture map
Sensors	Two 1MP Infrared Sensors (1280x800) One 2MP Color sensor (1600x1200) Fixed focus
Dual Structured Light 3D	Two Infrared structured light VCSEL projectors
Field of View	Infrared Sensors: 66°(D) Color Sensors: 69°(D)
Working range	25cm to 60cm (optimal at 30-45cm)
Lighting	Indoors under room light Not designed for outdoor uses or under direct sunlight
Supported Host Environments	Android 7.0 with 4GB RAM Windows 8, 10 with 4GB RAM



PRODUCT DATA SHEET

Tested host devices (partial list)	Android devices (Android 7.0) Huawei MediaPad M3, Samsung Galaxy Tab S3 Samsung Galaxy s7 and s8, Huawei Honor 8 Windows devices (Windows 10) Surface Pro, Alienware, and some Dell laptops
Scanning and processing time (depending on host device)	Scan time: 15-25 seconds Processing time (performed on host device) SD: ~7 seconds (Windows), ~15 seconds (Android) HD: ~12 seconds (Windows), ~30 seconds (Android)
Connector	USB Type-C connector 30cm USB cable
Dimension (without clip)	101mm(w) x 26mm(h) x 13mm(d)
Weight (without clip)	Approximately 230g
Operating temperature	0°C to +40°C
Operating humidity	80% (no condensation)
Power	Powered by host device via USB. No battery.
Software	Bellus3D Face Camera Android App (available for free in Google Play) Bellus3D Face Camera Android and Windows SDK (available to Bellus3D Developers only)
Accessories included	Camera clip for attaching to host device
Certification	Class 1 eye-safe Laser Product CE, FCC, RoHS
Price	\$499 USD Volume discounts available

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