

TECHNICAL SPECIFICATIONS



	peel 1	peel 2	peel 2 CAD	peel 2-S	peel 2 CAD-S
Part size range (recommended)		0.3 – 3.0 m (1 – 10 ft)		0.05 - 0.5 m (2 – 20 in)	
Accuracy	Up to 0.250 mm (0.01 in)	Up to 0.100 mm (0.004 in)			
Mesh resolution		0.500 mm (0.020 in)		0.100 mm (0.004 in)	
Measurement rate	550,000 measurements/s				
Volumetric accuracy (based on part size)	0.500 mm/m (0.020 in/ft) ¹	0.500 mm/m (0.020 in/ft) ¹	0.300 mm/m (0.012 in/ft) ¹	0.500 mm/m (0.020 in/ft) ¹	0.300 mm/m (0.012 in/ft) ¹
Scanning area	380 x 380 mm (15.0 x 15.0 in)			143 x 108 mm (5.6 in x 4.3 in)	
Stand-off distance	400 mm (15.75 in)			380 mm (15 in)	
Depth of field	250 mm (10.0 in)			100 mm (4 in)	
Light source	White light (LED)				
Texture resolution	N/A	50 to 150 DPI		50 to 250 DPI	
Positioning methods	Geometry and/or targets			Geometry and/or targets and/or texture	
Dimensions	96 x 140 x 258 mm (3.8 x 5.5 x 10.2 in)	150 x 171 x 251 mm (5.9 x 6.7 x 9.9 in)		154 x 178 x 235 mm (6 x 7 x 9.2 in)	
Connection standard	1 x USB 2.0				
Output formats	.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr, .iges, .step, .dxf				
Operating temperature range	5–40°C (41–104°F)				
Operating humidity range (non-condensing)	10–90%				
Certifications	EC Compliance (Electromagnetic Compatibility Directive, Low Voltage Directive), IP50, WEEE				

(1) With positioning targets or with an object presenting adequate geometry for positioning.

