



Features

- Handheld 3D scanner designed for accurate and high-resolution **digital capture of real-world objects** for use in education, design, prototyping, 3D printing, and digital archiving.
- Offers **wireless connectivity**, full-colour texture capture, and stabilised scanning performance to support both beginners and advanced users in STEM projects and technical workflows.

Technical Specifications

Parameter	Specification
Scanning Technology	Structured light infrared scanning system
Scanning Accuracy	Up to 0.1 mm
Point Resolution / Distance	Approx. 0.16 mm
Scanning Speed	Up to approx. 30 frames per second
Working Distance	Approx. 150 – 700 mm
Scanning Range	Approx. 150 – 2000 mm object size
Single Capture Area	Approx. 560 × 820 mm
Minimum Scan Volume	Approx. 150 × 150 mm
Colour Capture	24-bit full colour texture mapping
Imaging Camera	Built-in colour camera (approx. 2 MP)
Anti-Shake Technology	Yes — real-time stabilisation for smooth hand-held scans
Surface Compatibility	Can scan non-reflective and dark surfaces without spray
Connectivity	Wireless via Wi-Fi 6 bridge; USB-C data transfer
Supported File Formats	STL, OBJ, PLY
Software Compatibility	Windows, macOS, Android, iOS

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Parameter	Specification
Operating Environment	Indoor and outdoor scanning (up to high ambient light)
Battery	Built-in rechargeable battery (approx. 5000 mAh)
Battery Runtime	Approx. 2 – 2.5 hours
Dimensions	Approx. 120 x 30 x 26 mm
Weight	Approx. 105 g (handheld)
Power Source	Internal battery; USB-C power support
Portability	Lightweight and compact for field and lab use

Typical Applications

- 3D printing and rapid prototyping
- Reverse engineering and CAD modelling
- Cultural heritage digitisation and archiving
- Product design and quality inspection
- STEM education and research projects

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