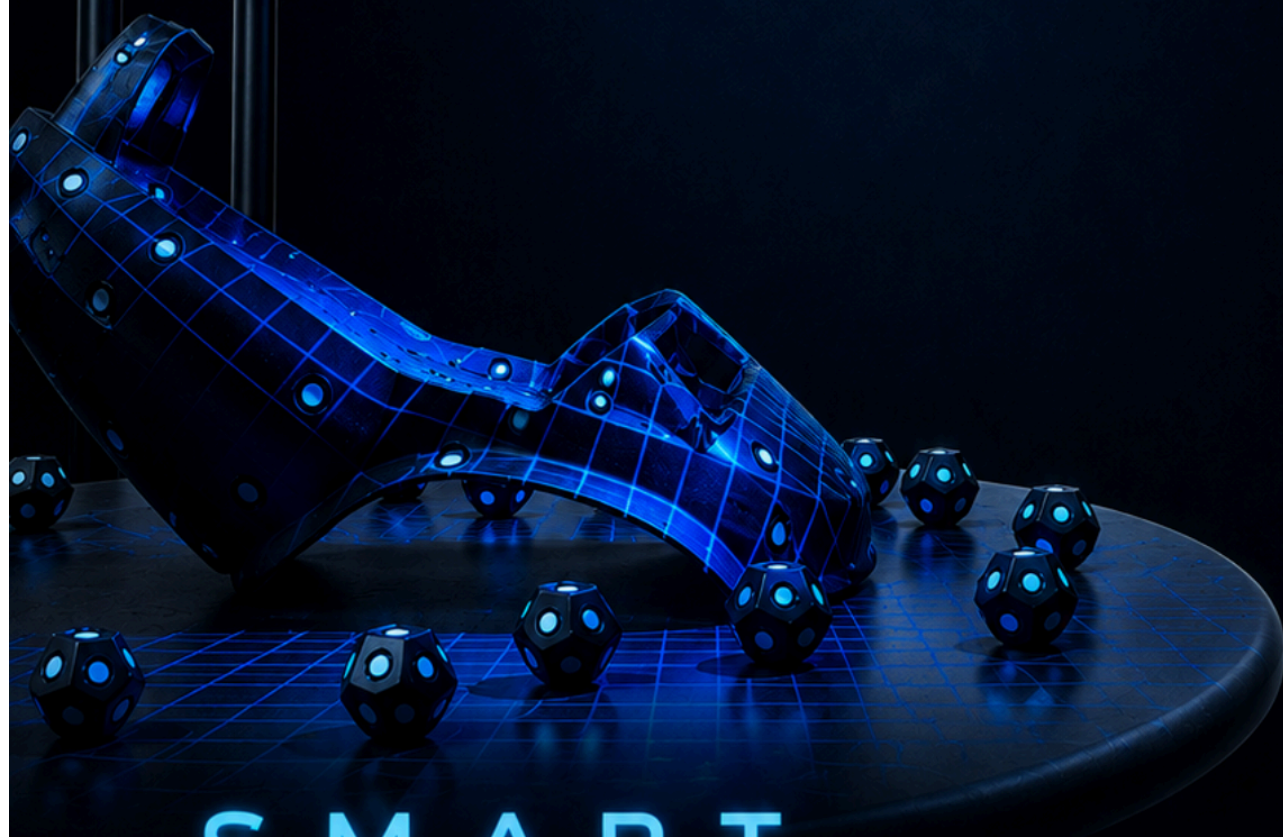
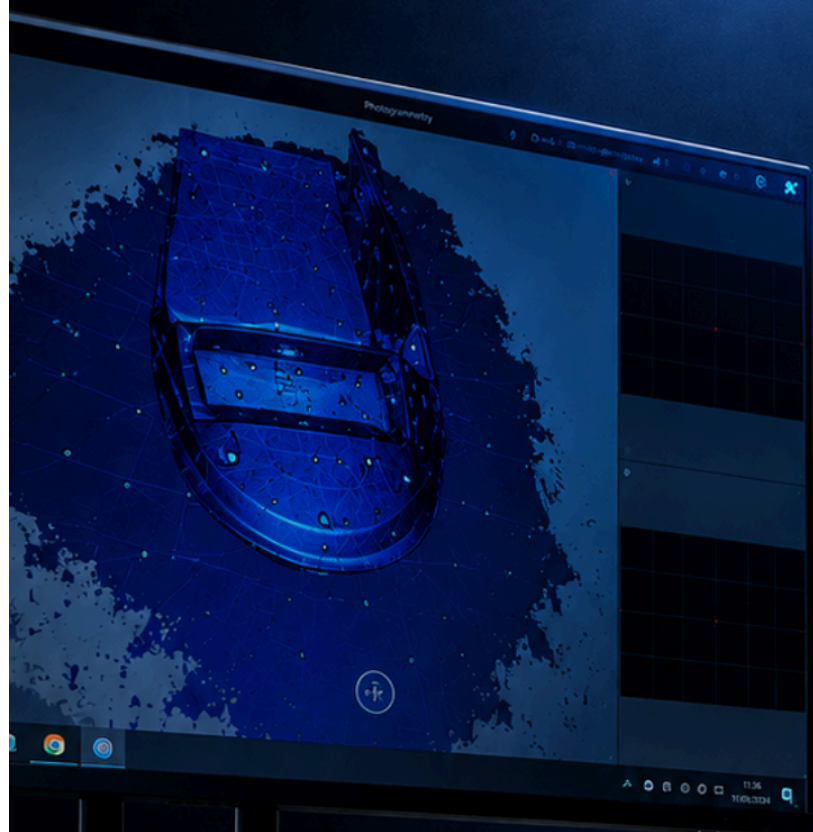


 Smart Scan



SMART
SCAN H1

Precise Handheld 3D Scanner with Blue Lasers Metrological Scanning

SMART SCAN H1 is a handheld laser 3D scanner designed for professional digitization of objects with complex geometry in open-air environments, workshops, or laboratories. It is ideal for scanning industrial objects ranging in size from 5 centimeters to 5 meters, enabling detailed analysis and reverse engineering



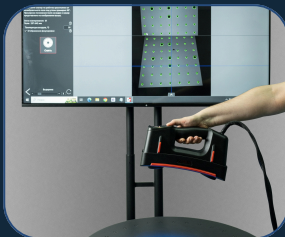
FEATURES

- High Precision and Detail
- Versatile Object Scanning in Any Environment
- Deep Access to Complex Geometries
- Field-Ready Design



THREE SCANNING MODES

- Scanning on the turntable
- Scanning with markers
- Scanning in basic mode



APPLICATIONS

- Tooling and Instrumentation
- Manufacturing
- Quality Control
- Reverse Engineering
- Maintenance & repair
- Industrial Design & Custom Tuning



CAPABILITIES

- 3D modelling with textures
- Geometry control
- Prototyping & design
- Digital archiving
- Reverse engineering

DESCRIPTION	SPECIFICATIONS	DESCRIPTION	SPECIFICATIONS
Scanning Technology	Handheld Blue laser 3D Scanner	Controls and indicators	3 control buttons with 3 LED indicators
Laser Wavelength	Blue Laser (~450 nm) or more	Operating Environment	Workshop / Laboratory
Accuracy	≤ 0.05 mm	Laser Safety Class	Eye Safety Laser Class IIIB
Volumetric Accuracy	≤ 0.08 mm/m	Scanner weight	850 g or better
Scanning speed	≤ 80 FPS	Scanner dimensions	290 x 180 x 90 mm or smaller
Resolution	≤ 0.20 mm	Operating Temperature	0°C to +45°C
Suitable objects for scanning	from 5 cm to 5 m	Number of points per second	1 200 000
Working Distance	300 to 450 mm	Scanning Mode	Three Scanning Modes
Software	OEM Scanning & Post processing Software	Warranty	5 Years
Output formats	stl, obj, (minimum)		



Contact Details

Call: +91 120 4864300
Email: info@4dsindia.com
Visit: www.4dsindia.com
Head Office: D-68, Sector 2, Noida, Gautam Buddh Nagar, UP-201301, India