

Global Consumer Grade 3D Scanner Market - Industry Trends and Forecast to 2030

Market Report | 2023-08-01 | 160 pages | Data Bridge Market Research

AVAILABLE LICENSES:

- Single User License \$4800.00
- Corporate Users License \$7000.00

Report description:

Global consumer grade 3D scanner market is projected to register a CAGR of 9.6% in the forecast period of 2023 to 2030. The new market report contains data for the historic year 2021, the base year of calculation is 2022 and the forecast period is 2023 to 2030.

Market Segmentation

Global Consumer Grade 3D Scanner Market, By Offering (Hardware, Software & Solutions, and Services), Range (Short-Range 3D Scanners and Medium-Range 3D Scanners), Type (Structured Light Scanners, 3D Laser Scanners, and Hybrid 3D Scanners), Technology (Light Triangulation, Laser Triangulation, Pattern Fringe Triangulation, and Laser Pulse Based), Application (Quality Control/Inspection, Reverse Engineering, Virtual Simulation, and Others), Product (Handheld, Tripod Mounted, and Desktop), End-Use (Additive Printing, Architects and Designers, Education and Research, Hobbyists, Arts, and Digital Content Creation), Countries (U.S., Canada, Mexico, Germany, France, U.K, Italy, Spain, Netherlands, Russia, Switzerland, Turkey, Austria, Norway, Hungary, Lithuania, Ireland, Poland, Rest of Europe, China, Japan, India, South Korea, Australia, Singapore, Thailand, Malaysia, Indonesia, Philippines, Vietnam, Rest of Asia-Pacific, Brazil, Argentina, Peru, Rest of South America, South Africa, Saudi Arabia, U.A.E., Egypt, Israel, Kuwait, and the Rest of Middle East and Africa) - Industry Trends and Forecast to 2030

Overview of Global Consumer Grade 3D Scanner Market Dynamics

Driver

- Growing demand in the entertainment and gaming industry

Restraint

- Technological retractions (accuracy issues, issues due to color of object)

Opportunity

- Partnership and collaboration among major players

Market Players

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com

Some of the major players operating in the global consumer grade 3D scanner market are:

- Matter and Form, Inc.
- CREAFORM
- Artec Europe
- SHINING 3D
- FARO
- Occipital Inc.
- Scan Dimension
- XYZprinting, Inc.
- Revopoint 3D Technologies Inc.
- Shenzhen Crealty 3D Technology Co., Ltd.
- SCANTECH (HANGZHOU) CO., LTD.
- Polycam
- Openscan
- THOR3D
- Polyga
- EyeCue Vision Technologies LTD.
- Scandy Co.
- Beijing Xunheng Technology Co., LTD (Thunk3d)
- Mantis vision ltd.
- Epic Games, Inc.

Table of Contents:

TABLE OF CONTENTS	
1 INTRODUCTION	15
1.1 OBJECTIVES OF THE STUDY	15
1.2 MARKET DEFINITION	15
1.3 OVERVIEW OF THE GLOBAL CONSUMER GRADE 3D SCANNER MARKET	15
1.4 CURRENCY AND PRICING	17
1.5 LIMITATIONS	17
1.6 MARKETS COVERED	18
2 MARKET SEGMENTATION	21
2.1 MARKETS COVERED	21
2.2 YEARS CONSIDERED FOR THE STUDY	22
2.3 GEOGRAPHIC SCOPE	23
2.4 DBMR TRIPOD DATA VALIDATION MODEL	24
2.5 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS	27
2.6 DBMR MARKET POSITION GRID	28
2.7 VENDOR SHARE ANALYSIS	30
2.8 MARKET APPLICATION COVERAGE GRID	31
2.9 MULTIVARIATE MODELLING	32
2.10 OFFERING TIMELINE CURVE	33
2.11 SECONDARY SOURCES	34
2.12 ASSUMPTIONS	34
3 EXECUTIVE SUMMARY	35
4 PREMIUM INSIGHTS	40

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5	MARKET OVERVIEW	41
5.1	DRIVERS	43
5.1.1	GROWING DEMAND IN ENTERTAINMENT AND GAMING INDUSTRY	43
5.1.2	GROWING DEMAND FOR PERSONALIZED ITEMS/PRODUCTS	45
5.1.3	ADVANCEMENTS IN 3D SCANNING TECHNOLOGY	46
5.1.4	INCREASING USE OF 3D SCANNER IN HOBBYIST APPLICATIONS	48
5.2	RESTRAINTS	49
5.2.1	TECHNOLOGICAL LIMITATIONS	49
5.2.2	HIGH COST OF 3D SCANNERS	49?
5.3	OPPORTUNITIES	50
5.3.1	PARTNERSHIP AND COLLABORATION AMONG MAJOR PLAYERS	50
5.3.2	GROWTH OF AUGMENTED REALITY (AR) AND VIRTUAL REALITY (VR)	52
5.3.3	RISING APPLICATIONS IN ARCHITECTURAL VISUALIZATION AND REAL ESTATE PLANNING	53
5.4	CHALLENGES	55
5.4.1	HIGH POST PROCESSING AND STEEP LEARNING CURVE	55
5.4.2	DATA STORAGE AND MANAGEMENT CHALLENGES	56
6	GLOBAL CONSUMER GRADE 3D SCANNER MARKET, BY OFFERING	57
6.1	OVERVIEW	58
6.2	HARDWARE	59
6.3	SOFTWARE & SOLUTIONS	60
6.4	SERVICES	60
6.4.1	MEASUREMENT SERVICES	61
6.4.2	AFTER-SALES SERVICE	61
6.4.3	STORAGE AS A SERVICE	61
7	GLOBAL CONSUMER GRADE 3D SCANNER MARKET, BY RANGE	62
7.1	OVERVIEW	63
7.2	SHORT-RANGE 3D SCANNERS	64
7.3	MEDIUM-RANGE 3D SCANNERS	65
8	GLOBAL CONSUMER GRADE 3D SCANNER MARKET, BY TYPE	66
8.1	OVERVIEW	67
8.2	STRUCTURED LIGHT SCANNERS	68
8.3	3D LASER SCANNERS	69
8.4	HYBRID 3D SCANNERS	69
9	GLOBAL CONSUMER GRADE 3D SCANNER MARKET, BY TECHNOLOGY	70
9.1	OVERVIEW	71
9.2	LIGHT TRIANGULATION	72
9.3	LASER TRIANGULATION	73
9.4	PATTERN FRINGE TRIANGULATION	73
9.5	LASER PULSE BASED	74
10	GLOBAL CONSUMER GRADE 3D SCANNER MARKET, BY APPLICATION	75
10.1	OVERVIEW	76
10.2	QUALITY CONTROL/INSPECTION	77
10.3	REVERSE ENGINEERING	78
10.4	VIRTUAL SIMULATION	78
10.5	OTHERS	79
11	GLOBAL CONSUMER GRADE 3D SCANNER MARKET, BY PRODUCT	80
11.1	OVERVIEW	81

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

11.2	HANDHELD	82
11.3	TRIPOD MOUNTED	83
11.4	DESKTOP	83
12	GLOBAL CONSUMER GRADE 3D SCANNER MARKET, BY END-USE	84
12.1	OVERVIEW	85
12.2	ADDITIVE PRINTING	86
12.2.1	HARDWARE	87
12.2.2	SOFTWARE & SOLUTIONS	87
12.2.3	SERVICES	87
12.2.3.1	MEASUREMENT SERVICES	87
12.2.3.2	AFTER-SALES SERVICE	87
12.2.3.3	STORAGE AS A SERVICE	87
12.3	ARCHITECTS AND DESIGNERS	88
12.3.1	HARDWARE	88
12.3.2	SOFTWARE & SOLUTIONS	88
12.3.3	SERVICES	89
12.3.3.1	MEASUREMENT SERVICES	89
12.3.3.2	AFTER-SALES SERVICE	89
12.3.3.3	STORAGE AS A SERVICE	89
12.4	EDUCATION AND RESEARCH	90
12.4.1	HARDWARE	90
12.4.2	SOFTWARE & SOLUTIONS	90
12.4.3	SERVICES	91
12.4.3.1	MEASUREMENT SERVICES	91
12.4.3.2	AFTER-SALES SERVICE	91
12.4.3.3	STORAGE AS A SERVICE	91
12.5	ARTS AND DIGITAL CONTENT CREATION	92
12.5.1	HARDWARE	92
12.5.2	SOFTWARE & SOLUTIONS	92
12.5.3	SERVICES	93
12.5.3.1	MEASUREMENT SERVICES	93
12.5.3.2	AFTER-SALES SERVICE	93
12.5.3.3	STORAGE AS A SERVICE	93?
12.6	HOBBYISTS	94
12.6.1	HARDWARE	94
12.6.2	SOFTWARE & SOLUTIONS	94
12.6.3	SERVICES	95
12.6.3.1	MEASUREMENT SERVICES	95
12.6.3.2	AFTER-SALES SERVICE	95
12.6.3.3	STORAGE AS A SERVICE	95
12.7	OTHERS	96
13	GLOBAL CONSUMER GRADE 3D SCANNER MARKET, BY REGION	97
13.1	OVERVIEW	98
13.2	NORTH AMERICA	104
13.2.1	U.S.	104
13.2.2	CANADA	104
13.2.3	MEXICO	104

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 13.3 EUROPE 105
 - 13.3.1 GERMANY 105
 - 13.3.2 U.K. 105
 - 13.3.3 FRANCE 105
 - 13.3.4 SPAIN 105
 - 13.3.5 ITALY 105
 - 13.3.6 RUSSIA 105
 - 13.3.7 NETHERLANDS 105
 - 13.3.8 SWITZERLAND 105
 - 13.3.9 BELGIUM 105
 - 13.3.10 TURKEY 106
 - 13.3.11 REST OF EUROPE 106
- 13.4 ASIA-PACIFIC 107
 - 13.4.1 CHINA 107
 - 13.4.2 JAPAN 107
 - 13.4.3 INDIA 107
 - 13.4.4 SOUTH KOREA 107
 - 13.4.5 AUSTRALIA 107
 - 13.4.6 SINGAPORE 107
 - 13.4.7 THAILAND 107
 - 13.4.8 MALAYSIA 107
 - 13.4.9 INDONESIA 107
 - 13.4.10 PHILIPPINES 108
 - 13.4.11 REST OF ASIA-PACIFIC 108
- 13.5 SOUTH AMERICA 109
 - 13.5.1 BRAZIL 109
 - 13.5.2 ARGENTINA 109
 - 13.5.3 REST OF SOUTH AMERICA 109
- 13.6 MIDDLE EAST AND AFRICA 110
 - 13.6.1 SAUDI ARABIA 110
 - 13.6.2 U.A.E. 110
 - 13.6.3 ISRAEL 110
 - 13.6.4 SOUTH AFRICA 110
 - 13.6.5 EGYPT 110
 - 13.6.6 REST OF MIDDLE EAST AND AFRICA 110
- 14 GLOBAL CONSUMER GRADE 3D SCANNER MARKET: COMPANY LANDSCAPE 111
 - 14.1 COMPANY SHARE ANALYSIS: GLOBAL 111
 - 14.2 COMPANY SHARE ANALYSIS: NORTH AMERICA 112
 - 14.3 COMPANY SHARE ANALYSIS: EUROPE 113
 - 14.4 COMPANY SHARE ANALYSIS: ASIA-PACIFIC 114
- 15 COMPANY PROFILE 115
 - 15.1 FARO 115
 - 15.1.1 COMPANY SNAPSHOT 115
 - 15.1.2 REVENUE ANALYSIS 115
 - 15.1.3 COMPANY SHARE ANALYSIS 116
 - 15.1.4 PRODUCT PORTFOLIO 116
 - 15.1.5 RECENT DEVELOPMENTS 117

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 15.2 MANTIS VISION LTD. 118
 - 15.2.1 COMPANY SNAPSHOT 118
 - 15.2.2 COMPANY SHARE ANALYSIS 118
 - 15.2.3 PRODUCT PORTFOLIO 118
 - 15.2.4 RECENT DEVELOPMENTS 119
- 15.3 OCCIPITAL INC. 120
 - 15.3.1 COMPANY SNAPSHOT 120
 - 15.3.2 COMPANY SHARE ANALYSIS 120
 - 15.3.3 PRODUCT PORTFOLIO 120
 - 15.3.4 RECENT DEVELOPMENTS 121
- 15.4 ARTEC EUROPE 123
 - 15.4.1 COMPANY SNAPSHOT 123
 - 15.4.2 PRODUCT PORTFOLIO 123
 - 15.4.3 RECENT DEVELOPMENTS 123?
- 15.5 THOR3D 126
 - 15.5.1 COMPANY SNAPSHOT 126
 - 15.5.2 PRODUCT PORTFOLIO 126
 - 15.5.3 RECENT DEVELOPMENTS 126
- 15.6 BEIJING XUNHENG TECHNOLOGY CO.,LTD (THUNK3D) 128
 - 15.6.1 COMPANY SNAPSHOT 128
 - 15.6.2 PRODUCT PORTFOLIO 128
 - 15.6.3 RECENT DEVELOPMENTS 128
- 15.7 CREAFORM 130
 - 15.7.1 COMPANY SNAPSHOT 130
 - 15.7.2 PRODUCT PORTFOLIO 130
 - 15.7.3 RECENT DEVELOPMENTS 130
- 15.8 EPIC GAMES, INC. 132
 - 15.8.1 COMPANY SNAPSHOT 132
 - 15.8.2 SOLUTION PORTFOLIO 132
 - 15.8.3 RECENT DEVELOPMENTS 132
- 15.9 EYECUE VISION TECHNOLOGIES LTD. 134
 - 15.9.1 COMPANY SNAPSHOT 134
 - 15.9.2 SOLUTION PORTFOLIO 134
 - 15.9.3 RECENT DEVELOPMENTS 134
- 15.10 MATTER AND FORM, INC. 135
 - 15.10.1 COMPAY SNAPSHOT 135
 - 15.10.2 PRODUCT PORTFOLIO 135
 - 15.10.3 RECENT DEVELOPMENT 135
- 15.11 OPENSCAN 136
 - 15.11.1 COMPANY SNAPSHOT 136
 - 15.11.2 PRODUCT PORTFOLIO 136
 - 15.11.3 RECENT DEVELOPMENTS 136
- 15.12 POLYCAM 137
 - 15.12.1 COMPANY SNAPSHOT 137
 - 15.12.2 SOLUTION PORTFOLIO 137
 - 15.12.3 RECENT DEVELOPMENTS 137
- 15.13 POLYGA 139

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 15.13.1 COMPANY SNAPSHOT 139
- 15.13.2 PRODUCT PORTFOLIO 139
- 15.13.3 RECENT DEVELOPMENTS 139
- 15.14 REVOPOINT 3D TECHNOLOGIES INC. 141
- 15.14.1 COMPANY SNAPSHOT 141
- 15.14.2 PRODUCT PORTFOLIO 141
- 15.14.3 RECENT DEVELOPMENTS 141
- 15.15 SCAN DIMENSION (A SUBSIDIARY OF GLOBAL SCANNING A/S GROUP) 143
- 15.15.1 COMPANY SNAPSHOT 143
- 15.15.2 PRODUCT PORTFOLIO 143
- 15.15.3 RECENT DEVELOPMENTS 143
- 15.16 SCANDY CO. 145
- 15.16.1 COMPANY SNAPSHOT 145
- 15.16.2 SOLUTION PORTFOLIO 145
- 15.16.3 RECENT DEVELOPMENTS 145
- 15.17 SCANTECH (HANGZHOU) CO., LTD. 147
- 15.17.1 COMPANY SNAPSHOT 147
- 15.17.2 PRODUCT PORTFOLIO 147
- 15.17.3 RECENT DEVELOPMENTS 148
- 15.18 SHENZHEN CREALITY 3D TECHNOLOGY CO., LTD. 149
- 15.18.1 COMPANY SNAPSHOT 149
- 15.18.2 PRODUCT PORTFOLIO 149
- 15.18.3 RECENT DEVELOPMENTS 149
- 15.19 SHINING3D 152
- 15.19.1 COMPANY SNAPSHOT 152
- 15.19.2 PRODUCT PORTFOLIO 152
- 15.19.3 RECENT DEVELOPMENTS 152
- 15.20 XYZPRINTING, INC. 154
- 15.20.1 COMPANY SNAPSHOT 154
- 15.20.2 PRODUCT PORTFOLIO 154
- 15.20.3 RECENT DEVELOPMENTS 154
- 16 QUESTIONNAIRE 156
- 17 RELATED REPORTS 160

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Global Consumer Grade 3D Scanner Market - Industry Trends and Forecast to 2030

Market Report | 2023-08-01 | 160 pages | Data Bridge Market Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scott's-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4800.00
	Corporate Users License	\$7000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scott's-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-11"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com