

# NA 2D Display for Defense and Aerospace Market - Industry Trends and Forecast to 2030

Market Report | 2023-03-01 | 193 pages | Data Bridge Market Research

#### **AVAILABLE LICENSES:**

- Single User License \$3500.00
- Corporate Users License \$4200.00

#### Report description:

North-America 2D display for defense and aerospace market is projected to register a CAGR of 6 6% from 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:

North-America 2D Display for Defence and Aerospace market, By Display Technology (Liquid Crystal Displays (LCD), Light Emitting Diode (LED), Organic LED (OLED), Micro-LED, and Others), Type (Touch and Non-Touch), Resolution (Full HD, HD, 4K, and Others), Panel Size (5 Inches to 10 Inches, Greater Than 10 Inches, and Less Than 5 Inches), Display Type (Conventional Display and Smart Display), Sales Channel (OEMS and Retailer), Application (Aerospace and Defence), Country (U.S., Canada, and Mexico) - Industry Trends and Forecast to 2030

Some of the major factors contributing to the growth of the market are:

- Growing demand for advanced display technologies
- Emerging requirements of enhanced communication systems

Market Players

Some of the major players operating in North-America 2D display for defense and aerospace market are:

- Korry
- Astronautics Corporation of America
- FDS Avionics Corp.
- Rosen Aviation
- ScioTeq

Scotts International, EU Vat number: PL 6772247784

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

- Excelitas Technologies Corp.
- DIEHL STIFTUNG & CO. KG
- Nighthawk Flight Systems, Inc
- Aspen Avionics, Inc.
- US Micro Products
- AvMap s.r.l.
- Meggitt PLC
- Honeywell International Inc.
- Barco
- BAE Systems
- Thales
- Garmin Ltd.
- WINMATE INC
- Collins Aerospace
- D&T Inc
- Elbit Systems Ltd.

#### **Table of Contents:**

TABLE OF CONTENTS

- 1 INTRODUCTION 39
- 1.1 OBJECTIVES OF THE STUDY 39
- 1.2 MARKET DEFINITION 39
- 1.3 OVERVIEW OF THE NORTH AMERICA 2D DISPLAY FOR DEFENSE AND AEROSPACE MARKET 39
- 1.4 CURRENCY AND PRICING 41
- 1.5 LIMITATIONS 41
- 1.6 MARKETS COVERED 42
- 2 MARKET SEGMENTATION 45
- 2.1 MARKETS COVERED 45
- 2.2 YEARS CONSIDERED FOR THE STUDY 46
- 2.3 GEOGRAPHIC SCOPE 47
- 2.4 DBMR TRIPOD DATA VALIDATION MODEL 48
- 2.5 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS 51
- 2.6 DBMR MARKET POSITION GRID 52
- 2.7 VENDOR SHARE ANALYSIS 53
- 2.8 MULTIVARIATE MODELLING 54
- 2.9 COMPONENT CURVE 55
- 2.10 MARKET CHALLENGE MATRIX 56
- 2.11 MARKET APPLICATION COVERAGE GRID 57
- 2.12 SECONDARY SOURCES 58
- 2.13 ASSUMPTIONS 58
- 3 EXECUTIVE SUMMARY 59
- 4 PREMIUM INSIGHTS 62
- 4.1 PORTER'S FIVE FORCES 63
- 4.2 TECHNOLOGICAL TRENDS 64
- 4.3 COMPANY COMPARATIVE ANALYSIS 65

Scotts International. EU Vat number: PL 6772247784

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

- 4.4 VALUE CHAIN ANALYSIS 66
- 4.5 PATENT ANALYSIS 68
- 4.6 CASE STUDY 70
- 4.7 REGULATORY STANDARDS 72
- 5 MARKET OVERVIEW 74
- **5.1 DRIVERS 76**
- 5.1.1 GROWING MILITARY MODERNIZATION PROGRAMS ACROSS THE GLOBE 76
- 5.1.2 GROWING DEMAND FOR ADVANCED DISPLAY TECHNOLOGIES 77
- 5.1.3 EMERGING REQUIREMENTS OF ENHANCED COMMUNICATION SYSTEMS 78
- 5.1.4 INCREASE IN TECHNOLOGICAL ADVANCEMENTS IN DISPLAY TECHNOLOGY 78
- 5.2 RESTRAINTS 79
- 5.2.1 HIGH DEVELOPMENT AND MANUFACTURING COSTS ASSOCIATED WITH ADVANCED 2D DISPLAYS 79
- 5.2.2 STRINGENT GOVERNMENT REGULATIONS 80
- 5.3 OPPORTUNITIES 81
- 5.3.1 INCREASE IN DEMAND FOR SIMULATION AND TRAINING SYSTEMS 81
- 5.3.2 INCREASING PARTNERSHIP, ACQUISITION, AND COLLABORATION AMONG MARKET PLAYERS 82
- 5.3.3 RISE IN DEMAND FOR HEAD-MOUNTED DISPLAYS (HMDS) 82
- 5.3.4 EXPANSION OF THE DEFENSE AND AEROSPACE INDUSTRY ACROSS THE GLOBE 83
- 5.4 CHALLENGES 85
- 5.4.1 INTEGRATION CHALLENGES ASSOCIATED WITH ADVANCED 2D DISPLAYS 85
- 5.4.2 HIGH TECHNOLOGICAL OBSOLESCENCE IN DEFENCE AND AEROSPACE SECTOR 86
- 6 NORTH AMERICA 2D DISPLAY FOR DEFENSE & AEROSPACE MARKET, BY TYPE 87
- 6.1 OVERVIEW 88
- 6.2 LIQUID CRYSTAL DISPLAYS (LCD) 89
- 6.3 LIGHT EMITTING DIODE (LED) 90
- 6.4 ORGANIC LED (OLED) 91
- 6.4.1 RIGID 92
- 6.4.2 FLEXIBLE 92
- 6.4.3 FOLDABLE 92
- 6.5 MICRO-LED 92
- 6.6 OTHERS 93
- 7 NORTH AMERICA 2D DISPLAY FOR DEFENSE & AEROSPACE MARKET, BY TYPE 94
- 7.1 OVERVIEW 95
- 7.2 TOUCH 96
- 7.3 NON-TOUCH 97
- 8 NORTH AMERICA 2D DISPLAY FOR DEFENSE & AEROSPACE MARKET, BY RESOLUTION 98
- 8.1 OVERVIEW 99
- 8.2 FULL HD 100
- 8.3 HD 101
- 8.4 4K 102
- 8.5 OTHERS 103
- 9 NORTH AMERICA 2D DISPLAY FOR DEFENSE & AEROSPACE MARKET, BY PANEL SIZE 104
- **9.1 OVERVIEW 105**
- 9.2 5 INCHES TO 10 INCHES 106
- 9.3 GREATER THAN 10 INCHES 107
- 9.4 LESS THAN 5 INCHES 108
- 10 NORTH AMERICA 2D DISPLAY FOR DEFENSE & AEROSPACE MARKET, BY DISPLAY TYPE 109

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 10.1 OVERVIEW 110
- 10.2 CONVENTIONAL DISPLAY 111
- 10.3 SMART DISPLAY 112
- 11 NORTH AMERICA 2D DISPLAY FOR DEFENSE & AEROSPACE MARKET, BY SALES CHANNEL 113
- 11.1 OVERVIEW 114
- 11.2 OEMS 115
- 11.3 RETAIL 116
- 12 NORTH AMERICA 2D DISPLAY FOR DEFENSE & AEROSPACE MARKET, BY APPLICATION 117
- 12.1 OVERVIEW 118
- **12.2 AEROSPACE 119**
- 12.2.1 BY TYPE 120
- 12.2.1.1 PRIMARY FLIGHT DISPLAY 120
- 12.2.1.2 MULTI-FUNCTIONAL DISPLAY 120
- 12.2.1.3 BACKUP DISPLAY 120
- 12.2.1.4 MISSION DISPLAY 120
- 12.2.2 BY TYPE 121
- 12.2.2.1 AIRCRAFT 121
- 12.2.2.2 HELICOPTERS 121
- 12.2.2.3 OTHERS 121
- 12.3 DEFENCE 121
- 12.3.1 BY TYPE 122
- 12.3.1.1 LAND 122
- 12.3.1.2 AIRBORNE 122
- 12.3.1.3 NAVAL 122
- 13 NORTH AMERICA 2D DISPLAY FOR DEFENSE AND AEROSPACE MARKET, BY REGION 123
- 13.1 NORTH AMERICA 124
- 13.1.1 U.S. 132
- 13.1.2 CANADA 136
- 13.1.3 MEXICO 140
- 14 NORTH AMERICA 2D DISPLAY FOR DEFENSE AND AEROSPACE MARKET: COMPANY LANDSCAPE 144
- 14.1 COMPANY SHARE ANALYSIS: NORTH AMERICA 144
- 15 SWOT ANALYSIS 145
- 16 COMPANY PROFILE 146
- 16.1 HONEYWELL INTERNATIONAL INC. 146
- 16.1.1 COMPANY SNAPSHOT 146
- 16.1.2 REVENUE ANALYSIS 146
- 16.1.3 COMPANY SHARE ANALYSIS 147
- 16.1.4 PRODUCTS PORTFOLIO 147
- 16.1.5 RECENT DEVELOPMENTS 148
- 16.2 THALES 149
- 16.2.1 COMPANY SNAPSHOT 149
- 16.2.2 REVENUE ANALYSIS 149
- 16.2.3 COMPANY SHARE ANALYSIS 150
- 16.2.4 SOLUTION PORTFOLIO 150
- 16.2.5 RECENT DEVELOPMENT 150
- 16.3 COLLINS AEROSPACE 151
- 16.3.1 COMPANY SNAPSHOT 151

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 16.3.2 REVENUE ANALYSIS 151
- 16.3.3 COMPANY SHARE ANALYSIS 152
- 16.3.4 SOLUTION PORTFOLIO 152
- 16.3.5 RECENT DEVELOPMENTS 153
- 16.4 EXCELITAS TECHNOLOGIES CORP. 154
- 16.4.1 COMPANY SNAPSHOT 154
- 16.4.2 COMPANY SHARE ANALYSIS 154
- 16.4.3 PRODUCTS PORTFOLIO 155
- 16.4.4 RECENT DEVELOPMENTS 155
- **16.5 BAE SYSTEMS 156**
- 16.5.1 COMPANY SNAPSHOT 156
- 16.5.2 REVENUE ANALYSIS 156
- 16.5.3 COMPANY SHARE ANALYSIS 157
- 16.5.4 PRODUCTS PORTFOLIO 157
- 16.5.5 RECENT DEVELOPMENTS 157
- 16.6 ASPEN AVIONICS, INC. 159
- 16.6.1 COMPANY SNAPSHOT 159
- 16.6.2 PRODUCT PORTFOLIO 159
- 16.6.3 RECENT DEVELOPMENTS 160
- 16.7 ASTRONAUTICS CORPORATION OF AMERICA 161
- 16.7.1 COMPANY SNAPSHOT 161
- 16.7.2 PRODUCTS PORTFOLIO 161
- 16.7.3 RECENT DEVELOPMENTS 162
- 16.8 AVMAP SRL 163
- 16.8.1 COMPANY SNAPSHOT 163
- 16.8.2 PRODUCTS PORTFOLIO 163
- 16.8.3 RECENT DEVELOPMENT 163
- 16.9 BARCO 164
- 16.9.1 COMPANY SNAPSHOT 164
- 16.9.2 REVENUE ANALYSIS 164
- 16.9.3 SOLUTION PORTFOLIO 165
- 16.9.4 RECENT DEVELOPMENTS 165
- 16.10 DIEHL STIFTUNG & CO. KG 166
- 16.10.1 COMPANY SNAPSHOT 166
- 16.10.2 SOLUTION PORTFOLIO 166
- 16.10.3 RECENT DEVELOPMENT 166
- 16.11 D&T INC 167
- 16.11.1 COMPANY SNAPSHOT 167
- 16.11.2 SOLUTION PORTFOLIO 167
- 16.11.3 RECENT DEVELOPMENT 167
- 16.12 ELBIT SYSTEMS LTD. 168
- 16.12.1 COMPANY SNAPSHOT 168
- 16.12.2 REVENUE ANALYSIS 168
- 16.12.3 BUSINESS PORTFOLIO 169
- 16.12.4 RECENT DEVELOPMENTS 169
- 16.13 FDS AVIONICS CORP. 171
- 16.13.1 COMPANY SNAPSHOT 171

### Scotts International. EU Vat number: PL 6772247784

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

- 16.13.2 PRODUCTS PORTFOLIO 171
- 16.13.3 RECENT DEVELOPMENTS 172
- 16.14 GARMIN LTD. 173
- 16.14.1 COMPANY SNAPSHOT 173
- 16.14.2 REVENUE ANALYSIS 173
- 16.14.3 PRODUCT PORTFOLIO 174
- 16.14.4 RECENT DEVELOPMENT 174
- 16.15 KORRY 175
- 16.15.1 COMPANY SNAPSHOT 175
- 16.15.2 PRODUCTS PORTFOLIO 175
- 16.15.3 RECENT DEVELOPMENTS 176
- 16.16 MEGGIT PLC 177
- 16.16.1 COMPANY SNAPSHOT 177
- 16.16.2 REVENUE ANALYSIS 177
- 16.16.3 PRODUCTS PORTFOLIO 178
- 16.16.4 RECENT DEVELOPMENTS 178
- 16.17 NIGHTHAWK FLIGHT SYSTEMS, INC. 180
- 16.17.1 COMPANY SNAPSHOT 180
- 16.17.2 PRODUCT PORTFOLIO 180
- 16.17.3 RECENT DEVELOPMENT 180
- 16.18 ROSEN AVIATION, 181
- 16.18.1 COMPANY SNAPSHOT 181
- 16.18.2 PRODUCT PORTFOLIO 181
- 16.18.3 RECENT DEVELOPMENT 181
- 16.19 SCIOTEQ 182
- 16.19.1 COMPANY SNAPSHOT 182
- 16.19.2 PRODUCT PORTFOLIO 182
- 16.19.3 RECENT DEVELOPMENT 183
- 16.20 US MICRO PRODUCTS 184
- 16.20.1 COMPANY SNAPSHOT 184
- 16.20.2 PRODUCT PORTFOLIO 184
- 16.20.3 RECENT DEVELOPMENT 185
- 16.21 WINMATE INC. 186
- 16.21.1 COMPANY SNAPSHOT 186
- 16.21.2 REVENUE ANALYSIS 186
- 16.21.3 PRODUCT PORTFOLIO 187
- 16.21.4 RECENT DEVELOPMENTS 188
- 17 QUESTIONNAIRE 189
- 18 RELATED REPORTS 193



To place an Order with Scotts International:

Complete the relevant blank fields and sign

☐ - Print this form

# NA 2D Display for Defense and Aerospace Market - Industry Trends and Forecast to 2030

Market Report | 2023-03-01 | 193 pages | Data Bridge Market Research

elect license	License			Price
	Single User License			\$3500.00
	Corporate Users License			\$4200.00
			\	/AT
			To	otal
N! - +	ant license option. For any questions ple			2 204 246
	t 23% for Polish based companies, indiv			
V/11 Will be added to	t 25 /0 for 1 onsir basea companies, man	riduais and 20 basea ea	impanies who are anable to provid	c a valla Lo va
_				
mail*		Phone*		
irst Name*		Last Name*		
bb title*				<u> </u>
Company Name*		FU Vat / Tax ID / I	NIP number*	
L r		EU Vat / Tax ID / I	NIP number*	
ddress*		City*	NIP number*	
Company Name* [ Address* [ Zip Code*			NIP number*	
ddress*		City*	NIP number* 2025-05-07	
ddress*		City* Country* Date		
Address*		City* Country*		
Address*		City* Country* Date		
Address*		City* Country* Date		