

Global Smart Variable Message Signs (VMS) Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Smart Variable Message Signs (VMS) market size was valued at USD 212.6 million in 2022 and is forecast to a readjusted size of USD 354.5 million by 2029 with a CAGR of 7.6% during review period.

Variable Message Signs (VMS) are electronic and intelligent display panels for road traffic management that allow text and graphic variable messages to be combined, resulting in a more effective means of controlling traffic.

Global key players of Smart Variable Message Signs (VMS) include Nagoya Electric, SWARCO, 3M, Daktronics and Skyline Products, etc. The top five players hold a share over 70%. North America is the largest market, has a share about 35%. In terms of product type, Stationary Type is the largest segment, occupied for a share of about 75%, and in terms of application, Highway has a share about 70 percent.

The Global Info Research report includes an overview of the development of the Smart Variable Message Signs (VMS) industry chain, the market status of Highway (Stationary Type, Mobile Type), City Road (Stationary Type, Mobile Type), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Smart Variable Message Signs (VMS).

Regionally, the report analyzes the Smart Variable Message Signs (VMS) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Smart Variable Message Signs (VMS) market, with robust

domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Smart Variable Message Signs (VMS) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Smart Variable Message Signs (VMS) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Stationary Type, Mobile Type).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Smart Variable Message Signs (VMS) market.

Regional Analysis: The report involves examining the Smart Variable Message Signs (VMS) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Smart Variable Message Signs (VMS) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Smart Variable Message Signs (VMS):

Company Analysis: Report covers individual Smart Variable Message Signs (VMS) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Smart Variable Message Signs (VMS) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Highway, City Road).

Technology Analysis: Report covers specific technologies relevant to Smart Variable Message Signs (VMS). It assesses the current state, advancements, and potential future developments in Smart Variable Message Signs (VMS) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Smart Variable Message Signs (VMS) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Smart Variable Message Signs (VMS) market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

%II%Stationary Type

%II%Mobile Type

Market segment by Application

%II%Highway

%II%City Road

%II%Others

Major players covered

%II%Nagoya Electric

%II%SWARCO

%II%3M

%II%Daktronics

%II%Skyline Products

%II%Aesys

%II%Ver-Mac

%II%LACROIX City

%II%Wanco

%II%Coates

%II%Pilot Group

%II%Yaham

%II%Triple Sign System AB

%II%Sernis

%II%Efftronics Systems

%II%Dysten

Market segment by region, regional analysis covers

%II%North America (United States, Canada and Mexico)

%II%Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

%II%Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

%II%South America (Brazil, Argentina, Colombia, and Rest of South America)

%II%Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Smart Variable Message Signs (VMS) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Smart Variable Message Signs (VMS), with price, sales, revenue and global market share of Smart Variable Message Signs (VMS) from 2018 to 2023.

Chapter 3, the Smart Variable Message Signs (VMS) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Smart Variable Message Signs (VMS) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and Smart Variable Message Signs (VMS) market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Smart Variable Message Signs (VMS).

Chapter 14 and 15, to describe Smart Variable Message Signs (VMS) sales channel,

distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Smart Variable Message Signs (VMS)
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Smart Variable Message Signs (VMS) Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Stationary Type
 - 1.3.3 Mobile Type
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Smart Variable Message Signs (VMS) Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Highway
 - 1.4.3 City Road
 - 1.4.4 Others
- 1.5 Global Smart Variable Message Signs (VMS) Market Size & Forecast
 - 1.5.1 Global Smart Variable Message Signs (VMS) Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Smart Variable Message Signs (VMS) Sales Quantity (2018-2029)
 - 1.5.3 Global Smart Variable Message Signs (VMS) Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 Nagoya Electric
 - 2.1.1 Nagoya Electric Details
 - 2.1.2 Nagoya Electric Major Business
 - 2.1.3 Nagoya Electric Smart Variable Message Signs (VMS) Product and Services
 - 2.1.4 Nagoya Electric Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 Nagoya Electric Recent Developments/Updates
- 2.2 SWARCO
 - 2.2.1 SWARCO Details
 - 2.2.2 SWARCO Major Business
 - 2.2.3 SWARCO Smart Variable Message Signs (VMS) Product and Services
 - 2.2.4 SWARCO Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.2.5 SWARCO Recent Developments/Updates

2.3 3M

2.3.1 3M Details

2.3.2 3M Major Business

2.3.3 3M Smart Variable Message Signs (VMS) Product and Services

2.3.4 3M Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 3M Recent Developments/Updates

2.4 Daktronics

2.4.1 Daktronics Details

2.4.2 Daktronics Major Business

2.4.3 Daktronics Smart Variable Message Signs (VMS) Product and Services

2.4.4 Daktronics Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Daktronics Recent Developments/Updates

2.5 Skyline Products

2.5.1 Skyline Products Details

2.5.2 Skyline Products Major Business

2.5.3 Skyline Products Smart Variable Message Signs (VMS) Product and Services

2.5.4 Skyline Products Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Skyline Products Recent Developments/Updates

2.6 Aesys

2.6.1 Aesys Details

2.6.2 Aesys Major Business

2.6.3 Aesys Smart Variable Message Signs (VMS) Product and Services

2.6.4 Aesys Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Aesys Recent Developments/Updates

2.7 Ver-Mac

2.7.1 Ver-Mac Details

2.7.2 Ver-Mac Major Business

2.7.3 Ver-Mac Smart Variable Message Signs (VMS) Product and Services

2.7.4 Ver-Mac Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Ver-Mac Recent Developments/Updates

2.8 LACROIX City

2.8.1 LACROIX City Details

2.8.2 LACROIX City Major Business

2.8.3 LACROIX City Smart Variable Message Signs (VMS) Product and Services

2.8.4 LACROIX City Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 LACROIX City Recent Developments/Updates

2.9 Wanco

2.9.1 Wanco Details

2.9.2 Wanco Major Business

2.9.3 Wanco Smart Variable Message Signs (VMS) Product and Services

2.9.4 Wanco Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Wanco Recent Developments/Updates

2.10 Coates

2.10.1 Coates Details

2.10.2 Coates Major Business

2.10.3 Coates Smart Variable Message Signs (VMS) Product and Services

2.10.4 Coates Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Coates Recent Developments/Updates

2.11 Pilot Group

2.11.1 Pilot Group Details

2.11.2 Pilot Group Major Business

2.11.3 Pilot Group Smart Variable Message Signs (VMS) Product and Services

2.11.4 Pilot Group Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Pilot Group Recent Developments/Updates

2.12 Yaham

2.12.1 Yaham Details

2.12.2 Yaham Major Business

2.12.3 Yaham Smart Variable Message Signs (VMS) Product and Services

2.12.4 Yaham Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Yaham Recent Developments/Updates

2.13 Triple Sign System AB

2.13.1 Triple Sign System AB Details

2.13.2 Triple Sign System AB Major Business

2.13.3 Triple Sign System AB Smart Variable Message Signs (VMS) Product and Services

2.13.4 Triple Sign System AB Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Triple Sign System AB Recent Developments/Updates

2.14 Sernis

2.14.1 Sernis Details

2.14.2 Sernis Major Business

2.14.3 Sernis Smart Variable Message Signs (VMS) Product and Services

2.14.4 Sernis Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Sernis Recent Developments/Updates

2.15 Efftronics Systems

2.15.1 Efftronics Systems Details

2.15.2 Efftronics Systems Major Business

2.15.3 Efftronics Systems Smart Variable Message Signs (VMS) Product and Services

2.15.4 Efftronics Systems Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 Efftronics Systems Recent Developments/Updates

2.16 Dysten

2.16.1 Dysten Details

2.16.2 Dysten Major Business

2.16.3 Dysten Smart Variable Message Signs (VMS) Product and Services

2.16.4 Dysten Smart Variable Message Signs (VMS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.16.5 Dysten Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SMART VARIABLE MESSAGE SIGNS (VMS) BY MANUFACTURER

3.1 Global Smart Variable Message Signs (VMS) Sales Quantity by Manufacturer (2018-2023)

3.2 Global Smart Variable Message Signs (VMS) Revenue by Manufacturer (2018-2023)

3.3 Global Smart Variable Message Signs (VMS) Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Smart Variable Message Signs (VMS) by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Smart Variable Message Signs (VMS) Manufacturer Market Share in 2022

3.4.2 Top 6 Smart Variable Message Signs (VMS) Manufacturer Market Share in 2022

3.5 Smart Variable Message Signs (VMS) Market: Overall Company Footprint Analysis

3.5.1 Smart Variable Message Signs (VMS) Market: Region Footprint

3.5.2 Smart Variable Message Signs (VMS) Market: Company Product Type Footprint

- 3.5.3 Smart Variable Message Signs (VMS) Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Smart Variable Message Signs (VMS) Market Size by Region
 - 4.1.1 Global Smart Variable Message Signs (VMS) Sales Quantity by Region (2018-2029)
 - 4.1.2 Global Smart Variable Message Signs (VMS) Consumption Value by Region (2018-2029)
 - 4.1.3 Global Smart Variable Message Signs (VMS) Average Price by Region (2018-2029)
- 4.2 North America Smart Variable Message Signs (VMS) Consumption Value (2018-2029)
- 4.3 Europe Smart Variable Message Signs (VMS) Consumption Value (2018-2029)
- 4.4 Asia-Pacific Smart Variable Message Signs (VMS) Consumption Value (2018-2029)
- 4.5 South America Smart Variable Message Signs (VMS) Consumption Value (2018-2029)
- 4.6 Middle East and Africa Smart Variable Message Signs (VMS) Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Smart Variable Message Signs (VMS) Sales Quantity by Type (2018-2029)
- 5.2 Global Smart Variable Message Signs (VMS) Consumption Value by Type (2018-2029)
- 5.3 Global Smart Variable Message Signs (VMS) Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Smart Variable Message Signs (VMS) Sales Quantity by Application (2018-2029)
- 6.2 Global Smart Variable Message Signs (VMS) Consumption Value by Application (2018-2029)
- 6.3 Global Smart Variable Message Signs (VMS) Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Smart Variable Message Signs (VMS) Sales Quantity by Type (2018-2029)

7.2 North America Smart Variable Message Signs (VMS) Sales Quantity by Application (2018-2029)

7.3 North America Smart Variable Message Signs (VMS) Market Size by Country

7.3.1 North America Smart Variable Message Signs (VMS) Sales Quantity by Country (2018-2029)

7.3.2 North America Smart Variable Message Signs (VMS) Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Smart Variable Message Signs (VMS) Sales Quantity by Type (2018-2029)

8.2 Europe Smart Variable Message Signs (VMS) Sales Quantity by Application (2018-2029)

8.3 Europe Smart Variable Message Signs (VMS) Market Size by Country

8.3.1 Europe Smart Variable Message Signs (VMS) Sales Quantity by Country (2018-2029)

8.3.2 Europe Smart Variable Message Signs (VMS) Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Smart Variable Message Signs (VMS) Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Smart Variable Message Signs (VMS) Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Smart Variable Message Signs (VMS) Market Size by Region

9.3.1 Asia-Pacific Smart Variable Message Signs (VMS) Sales Quantity by Region

(2018-2029)

9.3.2 Asia-Pacific Smart Variable Message Signs (VMS) Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Smart Variable Message Signs (VMS) Sales Quantity by Type (2018-2029)

10.2 South America Smart Variable Message Signs (VMS) Sales Quantity by Application (2018-2029)

10.3 South America Smart Variable Message Signs (VMS) Market Size by Country

10.3.1 South America Smart Variable Message Signs (VMS) Sales Quantity by Country (2018-2029)

10.3.2 South America Smart Variable Message Signs (VMS) Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Smart Variable Message Signs (VMS) Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Smart Variable Message Signs (VMS) Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Smart Variable Message Signs (VMS) Market Size by Country

11.3.1 Middle East & Africa Smart Variable Message Signs (VMS) Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Smart Variable Message Signs (VMS) Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Smart Variable Message Signs (VMS) Market Drivers

12.2 Smart Variable Message Signs (VMS) Market Restraints

12.3 Smart Variable Message Signs (VMS) Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Smart Variable Message Signs (VMS) and Key Manufacturers

13.2 Manufacturing Costs Percentage of Smart Variable Message Signs (VMS)

13.3 Smart Variable Message Signs (VMS) Production Process

13.4 Smart Variable Message Signs (VMS) Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Smart Variable Message Signs (VMS) Typical Distributors

14.3 Smart Variable Message Signs (VMS) Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Smart Variable Message Signs (VMS) Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Smart Variable Message Signs (VMS) Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Nagoya Electric Basic Information, Manufacturing Base and Competitors

Table 4. Nagoya Electric Major Business

Table 5. Nagoya Electric Smart Variable Message Signs (VMS) Product and Services

Table 6. Nagoya Electric Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Nagoya Electric Recent Developments/Updates

Table 8. SWARCO Basic Information, Manufacturing Base and Competitors

Table 9. SWARCO Major Business

Table 10. SWARCO Smart Variable Message Signs (VMS) Product and Services

Table 11. SWARCO Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. SWARCO Recent Developments/Updates

Table 13. 3M Basic Information, Manufacturing Base and Competitors

Table 14. 3M Major Business

Table 15. 3M Smart Variable Message Signs (VMS) Product and Services

Table 16. 3M Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. 3M Recent Developments/Updates

Table 18. Daktronics Basic Information, Manufacturing Base and Competitors

Table 19. Daktronics Major Business

Table 20. Daktronics Smart Variable Message Signs (VMS) Product and Services

Table 21. Daktronics Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Daktronics Recent Developments/Updates

Table 23. Skyline Products Basic Information, Manufacturing Base and Competitors

Table 24. Skyline Products Major Business

Table 25. Skyline Products Smart Variable Message Signs (VMS) Product and Services

Table 26. Skyline Products Smart Variable Message Signs (VMS) Sales Quantity (K

Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Skyline Products Recent Developments/Updates

Table 28. Aesys Basic Information, Manufacturing Base and Competitors

Table 29. Aesys Major Business

Table 30. Aesys Smart Variable Message Signs (VMS) Product and Services

Table 31. Aesys Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Aesys Recent Developments/Updates

Table 33. Ver-Mac Basic Information, Manufacturing Base and Competitors

Table 34. Ver-Mac Major Business

Table 35. Ver-Mac Smart Variable Message Signs (VMS) Product and Services

Table 36. Ver-Mac Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Ver-Mac Recent Developments/Updates

Table 38. LACROIX City Basic Information, Manufacturing Base and Competitors

Table 39. LACROIX City Major Business

Table 40. LACROIX City Smart Variable Message Signs (VMS) Product and Services

Table 41. LACROIX City Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. LACROIX City Recent Developments/Updates

Table 43. Wanco Basic Information, Manufacturing Base and Competitors

Table 44. Wanco Major Business

Table 45. Wanco Smart Variable Message Signs (VMS) Product and Services

Table 46. Wanco Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Wanco Recent Developments/Updates

Table 48. Coates Basic Information, Manufacturing Base and Competitors

Table 49. Coates Major Business

Table 50. Coates Smart Variable Message Signs (VMS) Product and Services

Table 51. Coates Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Coates Recent Developments/Updates

Table 53. Pilot Group Basic Information, Manufacturing Base and Competitors

Table 54. Pilot Group Major Business

Table 55. Pilot Group Smart Variable Message Signs (VMS) Product and Services

Table 56. Pilot Group Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Pilot Group Recent Developments/Updates

Table 58. Yaham Basic Information, Manufacturing Base and Competitors

Table 59. Yaham Major Business

Table 60. Yaham Smart Variable Message Signs (VMS) Product and Services

Table 61. Yaham Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Yaham Recent Developments/Updates

Table 63. Triple Sign System AB Basic Information, Manufacturing Base and Competitors

Table 64. Triple Sign System AB Major Business

Table 65. Triple Sign System AB Smart Variable Message Signs (VMS) Product and Services

Table 66. Triple Sign System AB Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Triple Sign System AB Recent Developments/Updates

Table 68. Sernis Basic Information, Manufacturing Base and Competitors

Table 69. Sernis Major Business

Table 70. Sernis Smart Variable Message Signs (VMS) Product and Services

Table 71. Sernis Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Sernis Recent Developments/Updates

Table 73. Efftronics Systems Basic Information, Manufacturing Base and Competitors

Table 74. Efftronics Systems Major Business

Table 75. Efftronics Systems Smart Variable Message Signs (VMS) Product and Services

Table 76. Efftronics Systems Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Efftronics Systems Recent Developments/Updates

Table 78. Dysten Basic Information, Manufacturing Base and Competitors

Table 79. Dysten Major Business

- Table 80. Dysten Smart Variable Message Signs (VMS) Product and Services
- Table 81. Dysten Smart Variable Message Signs (VMS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 82. Dysten Recent Developments/Updates
- Table 83. Global Smart Variable Message Signs (VMS) Sales Quantity by Manufacturer (2018-2023) & (K Units)
- Table 84. Global Smart Variable Message Signs (VMS) Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 85. Global Smart Variable Message Signs (VMS) Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 86. Market Position of Manufacturers in Smart Variable Message Signs (VMS), (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
- Table 87. Head Office and Smart Variable Message Signs (VMS) Production Site of Key Manufacturer
- Table 88. Smart Variable Message Signs (VMS) Market: Company Product Type Footprint
- Table 89. Smart Variable Message Signs (VMS) Market: Company Product Application Footprint
- Table 90. Smart Variable Message Signs (VMS) New Market Entrants and Barriers to Market Entry
- Table 91. Smart Variable Message Signs (VMS) Mergers, Acquisition, Agreements, and Collaborations
- Table 92. Global Smart Variable Message Signs (VMS) Sales Quantity by Region (2018-2023) & (K Units)
- Table 93. Global Smart Variable Message Signs (VMS) Sales Quantity by Region (2024-2029) & (K Units)
- Table 94. Global Smart Variable Message Signs (VMS) Consumption Value by Region (2018-2023) & (USD Million)
- Table 95. Global Smart Variable Message Signs (VMS) Consumption Value by Region (2024-2029) & (USD Million)
- Table 96. Global Smart Variable Message Signs (VMS) Average Price by Region (2018-2023) & (US\$/Unit)
- Table 97. Global Smart Variable Message Signs (VMS) Average Price by Region (2024-2029) & (US\$/Unit)
- Table 98. Global Smart Variable Message Signs (VMS) Sales Quantity by Type (2018-2023) & (K Units)
- Table 99. Global Smart Variable Message Signs (VMS) Sales Quantity by Type (2024-2029) & (K Units)

Table 100. Global Smart Variable Message Signs (VMS) Consumption Value by Type (2018-2023) & (USD Million)

Table 101. Global Smart Variable Message Signs (VMS) Consumption Value by Type (2024-2029) & (USD Million)

Table 102. Global Smart Variable Message Signs (VMS) Average Price by Type (2018-2023) & (US\$/Unit)

Table 103. Global Smart Variable Message Signs (VMS) Average Price by Type (2024-2029) & (US\$/Unit)

Table 104. Global Smart Variable Message Signs (VMS) Sales Quantity by Application (2018-2023) & (K Units)

Table 105. Global Smart Variable Message Signs (VMS) Sales Quantity by Application (2024-2029) & (K Units)

Table 106. Global Smart Variable Message Signs (VMS) Consumption Value by Application (2018-2023) & (USD Million)

Table 107. Global Smart Variable Message Signs (VMS) Consumption Value by Application (2024-2029) & (USD Million)

Table 108. Global Smart Variable Message Signs (VMS) Average Price by Application (2018-2023) & (US\$/Unit)

Table 109. Global Smart Variable Message Signs (VMS) Average Price by Application (2024-2029) & (US\$/Unit)

Table 110. North America Smart Variable Message Signs (VMS) Sales Quantity by Type (2018-2023) & (K Units)

Table 111. North America Smart Variable Message Signs (VMS) Sales Quantity by Type (2024-2029) & (K Units)

Table 112. North America Smart Variable Message Signs (VMS) Sales Quantity by Application (2018-2023) & (K Units)

Table 113. North America Smart Variable Message Signs (VMS) Sales Quantity by Application (2024-2029) & (K Units)

Table 114. North America Smart Variable Message Signs (VMS) Sales Quantity by Country (2018-2023) & (K Units)

Table 115. North America Smart Variable Message Signs (VMS) Sales Quantity by Country (2024-2029) & (K Units)

Table 116. North America Smart Variable Message Signs (VMS) Consumption Value by Country (2018-2023) & (USD Million)

Table 117. North America Smart Variable Message Signs (VMS) Consumption Value by Country (2024-2029) & (USD Million)

Table 118. Europe Smart Variable Message Signs (VMS) Sales Quantity by Type (2018-2023) & (K Units)

Table 119. Europe Smart Variable Message Signs (VMS) Sales Quantity by Type

(2024-2029) & (K Units)

Table 120. Europe Smart Variable Message Signs (VMS) Sales Quantity by Application (2018-2023) & (K Units)

Table 121. Europe Smart Variable Message Signs (VMS) Sales Quantity by Application (2024-2029) & (K Units)

Table 122. Europe Smart Variable Message Signs (VMS) Sales Quantity by Country (2018-2023) & (K Units)

Table 123. Europe Smart Variable Message Signs (VMS) Sales Quantity by Country (2024-2029) & (K Units)

Table 124. Europe Smart Variable Message Signs (VMS) Consumption Value by Country (2018-2023) & (USD Million)

Table 125. Europe Smart Variable Message Signs (VMS) Consumption Value by Country (2024-2029) & (USD Million)

Table 126. Asia-Pacific Smart Variable Message Signs (VMS) Sales Quantity by Type (2018-2023) & (K Units)

Table 127. Asia-Pacific Smart Variable Message Signs (VMS) Sales Quantity by Type (2024-2029) & (K Units)

Table 128. Asia-Pacific Smart Variable Message Signs (VMS) Sales Quantity by Application (2018-2023) & (K Units)

Table 129. Asia-Pacific Smart Variable Message Signs (VMS) Sales Quantity by Application (2024-2029) & (K Units)

Table 130. Asia-Pacific Smart Variable Message Signs (VMS) Sales Quantity by Region (2018-2023) & (K Units)

Table 131. Asia-Pacific Smart Variable Message Signs (VMS) Sales Quantity by Region (2024-2029) & (K Units)

Table 132. Asia-Pacific Smart Variable Message Signs (VMS) Consumption Value by Region (2018-2023) & (USD Million)

Table 133. Asia-Pacific Smart Variable Message Signs (VMS) Consumption Value by Region (2024-2029) & (USD Million)

Table 134. South America Smart Variable Message Signs (VMS) Sales Quantity by Type (2018-2023) & (K Units)

Table 135. South America Smart Variable Message Signs (VMS) Sales Quantity by Type (2024-2029) & (K Units)

Table 136. South America Smart Variable Message Signs (VMS) Sales Quantity by Application (2018-2023) & (K Units)

Table 137. South America Smart Variable Message Signs (VMS) Sales Quantity by Application (2024-2029) & (K Units)

Table 138. South America Smart Variable Message Signs (VMS) Sales Quantity by Country (2018-2023) & (K Units)

Table 139. South America Smart Variable Message Signs (VMS) Sales Quantity by Country (2024-2029) & (K Units)

Table 140. South America Smart Variable Message Signs (VMS) Consumption Value by Country (2018-2023) & (USD Million)

Table 141. South America Smart Variable Message Signs (VMS) Consumption Value by Country (2024-2029) & (USD Million)

Table 142. Middle East & Africa Smart Variable Message Signs (VMS) Sales Quantity by Type (2018-2023) & (K Units)

Table 143. Middle East & Africa Smart Variable Message Signs (VMS) Sales Quantity by Type (2024-2029) & (K Units)

Table 144. Middle East & Africa Smart Variable Message Signs (VMS) Sales Quantity by Application (2018-2023) & (K Units)

Table 145. Middle East & Africa Smart Variable Message Signs (VMS) Sales Quantity by Application (2024-2029) & (K Units)

Table 146. Middle East & Africa Smart Variable Message Signs (VMS) Sales Quantity by Region (2018-2023) & (K Units)

Table 147. Middle East & Africa Smart Variable Message Signs (VMS) Sales Quantity by Region (2024-2029) & (K Units)

Table 148. Middle East & Africa Smart Variable Message Signs (VMS) Consumption Value by Region (2018-2023) & (USD Million)

Table 149. Middle East & Africa Smart Variable Message Signs (VMS) Consumption Value by Region (2024-2029) & (USD Million)

Table 150. Smart Variable Message Signs (VMS) Raw Material

Table 151. Key Manufacturers of Smart Variable Message Signs (VMS) Raw Materials

Table 152. Smart Variable Message Signs (VMS) Typical Distributors

Table 153. Smart Variable Message Signs (VMS) Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Smart Variable Message Signs (VMS) Picture
- Figure 2. Global Smart Variable Message Signs (VMS) Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Smart Variable Message Signs (VMS) Consumption Value Market Share by Type in 2022
- Figure 4. Stationary Type Examples
- Figure 5. Mobile Type Examples
- Figure 6. Global Smart Variable Message Signs (VMS) Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 7. Global Smart Variable Message Signs (VMS) Consumption Value Market Share by Application in 2022
- Figure 8. Highway Examples
- Figure 9. City Road Examples
- Figure 10. Others Examples
- Figure 11. Global Smart Variable Message Signs (VMS) Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 12. Global Smart Variable Message Signs (VMS) Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 13. Global Smart Variable Message Signs (VMS) Sales Quantity (2018-2029) & (K Units)
- Figure 14. Global Smart Variable Message Signs (VMS) Average Price (2018-2029) & (US\$/Unit)
- Figure 15. Global Smart Variable Message Signs (VMS) Sales Quantity Market Share by Manufacturer in 2022
- Figure 16. Global Smart Variable Message Signs (VMS) Consumption Value Market Share by Manufacturer in 2022
- Figure 17. Producer Shipments of Smart Variable Message Signs (VMS) by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 18. Top 3 Smart Variable Message Signs (VMS) Manufacturer (Consumption Value) Market Share in 2022
- Figure 19. Top 6 Smart Variable Message Signs (VMS) Manufacturer (Consumption Value) Market Share in 2022
- Figure 20. Global Smart Variable Message Signs (VMS) Sales Quantity Market Share by Region (2018-2029)
- Figure 21. Global Smart Variable Message Signs (VMS) Consumption Value Market

Share by Region (2018-2029)

Figure 22. North America Smart Variable Message Signs (VMS) Consumption Value (2018-2029) & (USD Million)

Figure 23. Europe Smart Variable Message Signs (VMS) Consumption Value (2018-2029) & (USD Million)

Figure 24. Asia-Pacific Smart Variable Message Signs (VMS) Consumption Value (2018-2029) & (USD Million)

Figure 25. South America Smart Variable Message Signs (VMS) Consumption Value (2018-2029) & (USD Million)

Figure 26. Middle East & Africa Smart Variable Message Signs (VMS) Consumption Value (2018-2029) & (USD Million)

Figure 27. Global Smart Variable Message Signs (VMS) Sales Quantity Market Share by Type (2018-2029)

Figure 28. Global Smart Variable Message Signs (VMS) Consumption Value Market Share by Type (2018-2029)

Figure 29. Global Smart Variable Message Signs (VMS) Average Price by Type (2018-2029) & (US\$/Unit)

Figure 30. Global Smart Variable Message Signs (VMS) Sales Quantity Market Share by Application (2018-2029)

Figure 31. Global Smart Variable Message Signs (VMS) Consumption Value Market Share by Application (2018-2029)

Figure 32. Global Smart Variable Message Signs (VMS) Average Price by Application (2018-2029) & (US\$/Unit)

Figure 33. North America Smart Variable Message Signs (VMS) Sales Quantity Market Share by Type (2018-2029)

Figure 34. North America Smart Variable Message Signs (VMS) Sales Quantity Market Share by Application (2018-2029)

Figure 35. North America Smart Variable Message Signs (VMS) Sales Quantity Market Share by Country (2018-2029)

Figure 36. North America Smart Variable Message Signs (VMS) Consumption Value Market Share by Country (2018-2029)

Figure 37. United States Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 38. Canada Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Mexico Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Europe Smart Variable Message Signs (VMS) Sales Quantity Market Share by Type (2018-2029)

Figure 41. Europe Smart Variable Message Signs (VMS) Sales Quantity Market Share by Application (2018-2029)

Figure 42. Europe Smart Variable Message Signs (VMS) Sales Quantity Market Share by Country (2018-2029)

Figure 43. Europe Smart Variable Message Signs (VMS) Consumption Value Market Share by Country (2018-2029)

Figure 44. Germany Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. France Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. United Kingdom Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. Russia Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Italy Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Asia-Pacific Smart Variable Message Signs (VMS) Sales Quantity Market Share by Type (2018-2029)

Figure 50. Asia-Pacific Smart Variable Message Signs (VMS) Sales Quantity Market Share by Application (2018-2029)

Figure 51. Asia-Pacific Smart Variable Message Signs (VMS) Sales Quantity Market Share by Region (2018-2029)

Figure 52. Asia-Pacific Smart Variable Message Signs (VMS) Consumption Value Market Share by Region (2018-2029)

Figure 53. China Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Japan Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Korea Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. India Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Southeast Asia Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Australia Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. South America Smart Variable Message Signs (VMS) Sales Quantity Market Share by Type (2018-2029)

Figure 60. South America Smart Variable Message Signs (VMS) Sales Quantity Market

Share by Application (2018-2029)

Figure 61. South America Smart Variable Message Signs (VMS) Sales Quantity Market Share by Country (2018-2029)

Figure 62. South America Smart Variable Message Signs (VMS) Consumption Value Market Share by Country (2018-2029)

Figure 63. Brazil Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. Argentina Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Middle East & Africa Smart Variable Message Signs (VMS) Sales Quantity Market Share by Type (2018-2029)

Figure 66. Middle East & Africa Smart Variable Message Signs (VMS) Sales Quantity Market Share by Application (2018-2029)

Figure 67. Middle East & Africa Smart Variable Message Signs (VMS) Sales Quantity Market Share by Region (2018-2029)

Figure 68. Middle East & Africa Smart Variable Message Signs (VMS) Consumption Value Market Share by Region (2018-2029)

Figure 69. Turkey Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Egypt Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Saudi Arabia Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. South Africa Smart Variable Message Signs (VMS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Smart Variable Message Signs (VMS) Market Drivers

Figure 74. Smart Variable Message Signs (VMS) Market Restraints

Figure 75. Smart Variable Message Signs (VMS) Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of Smart Variable Message Signs (VMS) in 2022

Figure 78. Manufacturing Process Analysis of Smart Variable Message Signs (VMS)

Figure 79. Smart Variable Message Signs (VMS) Industrial Chain

Figure 80. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

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