

Touch Based Human Machine Interface (HMI) Industry Research Report 2024

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Abstracts

Summary

The products are segmented into Resistive, Capacitives, and Surface Acoustic Wave, different industrial applications of HMI- discrete: automotive, metal & mining, packaging, and aerospace & defense; and process: food & beverage, healthcare, and oil & gas industries.

This report does not include products for the consumer electronics sector.

According to APO Research, The global Touch Based Human Machine Interface (HMI) market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

North American market for Touch Based Human Machine Interface (HMI) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Touch Based Human Machine Interface (HMI) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Touch Based Human Machine Interface (HMI) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Touch Based Human Machine Interface (HMI)

include , etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Touch Based Human Machine Interface (HMI), with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Touch Based Human Machine Interface (HMI).

The report will help the Touch Based Human Machine Interface (HMI) manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Touch Based Human Machine Interface (HMI) market size, estimations, and forecasts are provided in terms of sales volume (K Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Touch Based Human Machine Interface (HMI) market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Siemens

Advantech

Mitsubishi Electric Corporation

Pro-Face

ABB

Emerson Electric Co.

Schneider

WEINVIEW

Omron Corporation

Delta

MCGS

KEYENCE

Beijer Electronics

Kinco Automation

Touchwo

Fuji Electric

Panasonic

LS Electric

Red Lion Controls

Touch Based Human Machine Interface (HMI) segment by Type

Resistive

Capacitive

Surface Acoustic Wave

Others

Touch Based Human Machine Interface (HMI) segment by Application

Industrial

Commercial

Others

Touch Based Human Machine Interface (HMI) Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Touch Based Human Machine Interface (HMI) market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Touch Based Human Machine Interface (HMI) and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Touch Based Human Machine Interface (HMI).
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Touch Based Human Machine Interface (HMI) manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Touch Based Human Machine Interface (HMI) by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Touch Based Human Machine Interface (HMI) in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the

driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Touch Based Human Machine Interface (HMI) by Type
 - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.2.2 Resistive
 - 2.2.3 Capacitive
 - 2.2.4 Surface Acoustic Wave
 - 2.2.5 Others
- 2.3 Touch Based Human Machine Interface (HMI) by Application
 - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.3.2 Industrial
 - 2.3.3 Commercial
 - 2.3.4 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Touch Based Human Machine Interface (HMI) Production Value Estimates and Forecasts (2019-2030)
 - 2.4.2 Global Touch Based Human Machine Interface (HMI) Production Capacity Estimates and Forecasts (2019-2030)
 - 2.4.3 Global Touch Based Human Machine Interface (HMI) Production Estimates and Forecasts (2019-2030)
 - 2.4.4 Global Touch Based Human Machine Interface (HMI) Market Average Price (2019-2030)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

3.1 Global Touch Based Human Machine Interface (HMI) Production by Manufacturers (2019-2024)

3.2 Global Touch Based Human Machine Interface (HMI) Production Value by Manufacturers (2019-2024)

3.3 Global Touch Based Human Machine Interface (HMI) Average Price by Manufacturers (2019-2024)

3.4 Global Touch Based Human Machine Interface (HMI) Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

3.5 Global Touch Based Human Machine Interface (HMI) Key Manufacturers, Manufacturing Sites & Headquarters

3.6 Global Touch Based Human Machine Interface (HMI) Manufacturers, Product Type & Application

3.7 Global Touch Based Human Machine Interface (HMI) Manufacturers, Date of Enter into This Industry

3.8 Global Touch Based Human Machine Interface (HMI) Market CR5 and HHI

3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 Siemens

4.1.1 Siemens Touch Based Human Machine Interface (HMI) Company Information

4.1.2 Siemens Touch Based Human Machine Interface (HMI) Business Overview

4.1.3 Siemens Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)

4.1.4 Siemens Product Portfolio

4.1.5 Siemens Recent Developments

4.2 Advantech

4.2.1 Advantech Touch Based Human Machine Interface (HMI) Company Information

4.2.2 Advantech Touch Based Human Machine Interface (HMI) Business Overview

4.2.3 Advantech Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)

4.2.4 Advantech Product Portfolio

4.2.5 Advantech Recent Developments

4.3 Mitsubishi Electric Corporation

4.3.1 Mitsubishi Electric Corporation Touch Based Human Machine Interface (HMI) Company Information

4.3.2 Mitsubishi Electric Corporation Touch Based Human Machine Interface (HMI) Business Overview

4.3.3 Mitsubishi Electric Corporation Touch Based Human Machine Interface (HMI)

Production, Value and Gross Margin (2019-2024)

4.3.4 Mitsubishi Electric Corporation Product Portfolio

4.3.5 Mitsubishi Electric Corporation Recent Developments

4.4 Pro-Face

4.4.1 Pro-Face Touch Based Human Machine Interface (HMI) Company Information

4.4.2 Pro-Face Touch Based Human Machine Interface (HMI) Business Overview

4.4.3 Pro-Face Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)

4.4.4 Pro-Face Product Portfolio

4.4.5 Pro-Face Recent Developments

4.5 ABB

4.5.1 ABB Touch Based Human Machine Interface (HMI) Company Information

4.5.2 ABB Touch Based Human Machine Interface (HMI) Business Overview

4.5.3 ABB Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)

4.5.4 ABB Product Portfolio

4.5.5 ABB Recent Developments

4.6 Emerson Electric Co.

4.6.1 Emerson Electric Co. Touch Based Human Machine Interface (HMI) Company Information

4.6.2 Emerson Electric Co. Touch Based Human Machine Interface (HMI) Business Overview

4.6.3 Emerson Electric Co. Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)

4.6.4 Emerson Electric Co. Product Portfolio

4.6.5 Emerson Electric Co. Recent Developments

4.7 Schneider

4.7.1 Schneider Touch Based Human Machine Interface (HMI) Company Information

4.7.2 Schneider Touch Based Human Machine Interface (HMI) Business Overview

4.7.3 Schneider Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)

4.7.4 Schneider Product Portfolio

4.7.5 Schneider Recent Developments

4.8 WEINVIEW

4.8.1 WEINVIEW Touch Based Human Machine Interface (HMI) Company Information

4.8.2 WEINVIEW Touch Based Human Machine Interface (HMI) Business Overview

4.8.3 WEINVIEW Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)

4.8.4 WEINVIEW Product Portfolio

- 4.8.5 WEINVIEW Recent Developments
- 4.9 Omron Corporation
 - 4.9.1 Omron Corporation Touch Based Human Machine Interface (HMI) Company Information
 - 4.9.2 Omron Corporation Touch Based Human Machine Interface (HMI) Business Overview
 - 4.9.3 Omron Corporation Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)
 - 4.9.4 Omron Corporation Product Portfolio
 - 4.9.5 Omron Corporation Recent Developments
- 4.10 Delta
 - 4.10.1 Delta Touch Based Human Machine Interface (HMI) Company Information
 - 4.10.2 Delta Touch Based Human Machine Interface (HMI) Business Overview
 - 4.10.3 Delta Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)
 - 4.10.4 Delta Product Portfolio
 - 4.10.5 Delta Recent Developments
- 4.11 MCGS
 - 4.11.1 MCGS Touch Based Human Machine Interface (HMI) Company Information
 - 4.11.2 MCGS Touch Based Human Machine Interface (HMI) Business Overview
 - 4.11.3 MCGS Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)
 - 4.11.4 MCGS Product Portfolio
 - 4.11.5 MCGS Recent Developments
- 4.12 KEYENCE
 - 4.12.1 KEYENCE Touch Based Human Machine Interface (HMI) Company Information
 - 4.12.2 KEYENCE Touch Based Human Machine Interface (HMI) Business Overview
 - 4.12.3 KEYENCE Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)
 - 4.12.4 KEYENCE Product Portfolio
 - 4.12.5 KEYENCE Recent Developments
- 4.13 Beijer Electronics
 - 4.13.1 Beijer Electronics Touch Based Human Machine Interface (HMI) Company Information
 - 4.13.2 Beijer Electronics Touch Based Human Machine Interface (HMI) Business Overview
 - 4.13.3 Beijer Electronics Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)
 - 4.13.4 Beijer Electronics Product Portfolio

- 4.13.5 Beijer Electronics Recent Developments
- 4.14 Kinco Automation
 - 4.14.1 Kinco Automation Touch Based Human Machine Interface (HMI) Company Information
 - 4.14.2 Kinco Automation Touch Based Human Machine Interface (HMI) Business Overview
 - 4.14.3 Kinco Automation Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)
 - 4.14.4 Kinco Automation Product Portfolio
 - 4.14.5 Kinco Automation Recent Developments
- 4.15 Touchwo
 - 4.15.1 Touchwo Touch Based Human Machine Interface (HMI) Company Information
 - 4.15.2 Touchwo Touch Based Human Machine Interface (HMI) Business Overview
 - 4.15.3 Touchwo Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)
 - 4.15.4 Touchwo Product Portfolio
 - 4.15.5 Touchwo Recent Developments
- 4.16 Fuji Electric
 - 4.16.1 Fuji Electric Touch Based Human Machine Interface (HMI) Company Information
 - 4.16.2 Fuji Electric Touch Based Human Machine Interface (HMI) Business Overview
 - 4.16.3 Fuji Electric Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)
 - 4.16.4 Fuji Electric Product Portfolio
 - 4.16.5 Fuji Electric Recent Developments
- 4.17 Panasonic
 - 4.17.1 Panasonic Touch Based Human Machine Interface (HMI) Company Information
 - 4.17.2 Panasonic Touch Based Human Machine Interface (HMI) Business Overview
 - 4.17.3 Panasonic Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)
 - 4.17.4 Panasonic Product Portfolio
 - 4.17.5 Panasonic Recent Developments
- 4.18 LS Electric
 - 4.18.1 LS Electric Touch Based Human Machine Interface (HMI) Company Information
 - 4.18.2 LS Electric Touch Based Human Machine Interface (HMI) Business Overview
 - 4.18.3 LS Electric Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)
 - 4.18.4 LS Electric Product Portfolio
 - 4.18.5 LS Electric Recent Developments

4.19 Red Lion Controls

4.19.1 Red Lion Controls Touch Based Human Machine Interface (HMI) Company Information

4.19.2 Red Lion Controls Touch Based Human Machine Interface (HMI) Business Overview

4.19.3 Red Lion Controls Touch Based Human Machine Interface (HMI) Production, Value and Gross Margin (2019-2024)

4.19.4 Red Lion Controls Product Portfolio

4.19.5 Red Lion Controls Recent Developments

5 GLOBAL TOUCH BASED HUMAN MACHINE INTERFACE (HMI) PRODUCTION BY REGION

5.1 Global Touch Based Human Machine Interface (HMI) Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

5.2 Global Touch Based Human Machine Interface (HMI) Production by Region: 2019-2030

5.2.1 Global Touch Based Human Machine Interface (HMI) Production by Region: 2019-2024

5.2.2 Global Touch Based Human Machine Interface (HMI) Production Forecast by Region (2025-2030)

5.3 Global Touch Based Human Machine Interface (HMI) Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

5.4 Global Touch Based Human Machine Interface (HMI) Production Value by Region: 2019-2030

5.4.1 Global Touch Based Human Machine Interface (HMI) Production Value by Region: 2019-2024

5.4.2 Global Touch Based Human Machine Interface (HMI) Production Value Forecast by Region (2025-2030)

5.5 Global Touch Based Human Machine Interface (HMI) Market Price Analysis by Region (2019-2024)

5.6 Global Touch Based Human Machine Interface (HMI) Production and Value, YOY Growth

5.6.1 North America Touch Based Human Machine Interface (HMI) Production Value Estimates and Forecasts (2019-2030)

5.6.2 Europe Touch Based Human Machine Interface (HMI) Production Value Estimates and Forecasts (2019-2030)

5.6.3 China Touch Based Human Machine Interface (HMI) Production Value Estimates and Forecasts (2019-2030)

5.6.4 Japan Touch Based Human Machine Interface (HMI) Production Value Estimates and Forecasts (2019-2030)

5.6.5 Taiwan(China) Touch Based Human Machine Interface (HMI) Production Value Estimates and Forecasts (2019-2030)

5.6.6 South Korea Touch Based Human Machine Interface (HMI) Production Value Estimates and Forecasts (2019-2030)

6 GLOBAL TOUCH BASED HUMAN MACHINE INTERFACE (HMI) CONSUMPTION BY REGION

6.1 Global Touch Based Human Machine Interface (HMI) Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

6.2 Global Touch Based Human Machine Interface (HMI) Consumption by Region (2019-2030)

6.2.1 Global Touch Based Human Machine Interface (HMI) Consumption by Region: 2019-2030

6.2.2 Global Touch Based Human Machine Interface (HMI) Forecasted Consumption by Region (2025-2030)

6.3 North America

6.3.1 North America Touch Based Human Machine Interface (HMI) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.3.2 North America Touch Based Human Machine Interface (HMI) Consumption by Country (2019-2030)

6.3.3 U.S.

6.3.4 Canada

6.4 Europe

6.4.1 Europe Touch Based Human Machine Interface (HMI) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.4.2 Europe Touch Based Human Machine Interface (HMI) Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Touch Based Human Machine Interface (HMI) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific Touch Based Human Machine Interface (HMI) Consumption by

Country (2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Touch Based Human Machine Interface (HMI) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa Touch Based Human Machine Interface (HMI) Consumption by Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

7 SEGMENT BY TYPE

7.1 Global Touch Based Human Machine Interface (HMI) Production by Type (2019-2030)

7.1.1 Global Touch Based Human Machine Interface (HMI) Production by Type (2019-2030) & (K Units)

7.1.2 Global Touch Based Human Machine Interface (HMI) Production Market Share by Type (2019-2030)

7.2 Global Touch Based Human Machine Interface (HMI) Production Value by Type (2019-2030)

7.2.1 Global Touch Based Human Machine Interface (HMI) Production Value by Type (2019-2030) & (US\$ Million)

7.2.2 Global Touch Based Human Machine Interface (HMI) Production Value Market Share by Type (2019-2030)

7.3 Global Touch Based Human Machine Interface (HMI) Price by Type (2019-2030)

8 SEGMENT BY APPLICATION

8.1 Global Touch Based Human Machine Interface (HMI) Production by Application (2019-2030)

8.1.1 Global Touch Based Human Machine Interface (HMI) Production by Application

(2019-2030) & (K Units)

8.1.2 Global Touch Based Human Machine Interface (HMI) Production by Application (2019-2030) & (K Units)

8.2 Global Touch Based Human Machine Interface (HMI) Production Value by Application (2019-2030)

8.2.1 Global Touch Based Human Machine Interface (HMI) Production Value by Application (2019-2030) & (US\$ Million)

8.2.2 Global Touch Based Human Machine Interface (HMI) Production Value Market Share by Application (2019-2030)

8.3 Global Touch Based Human Machine Interface (HMI) Price by Application (2019-2030)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

9.1 Touch Based Human Machine Interface (HMI) Value Chain Analysis

9.1.1 Touch Based Human Machine Interface (HMI) Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Touch Based Human Machine Interface (HMI) Production Mode & Process

9.2 Touch Based Human Machine Interface (HMI) Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Touch Based Human Machine Interface (HMI) Distributors

9.2.3 Touch Based Human Machine Interface (HMI) Customers

10 GLOBAL TOUCH BASED HUMAN MACHINE INTERFACE (HMI) ANALYZING MARKET DYNAMICS

10.1 Touch Based Human Machine Interface (HMI) Industry Trends

10.2 Touch Based Human Machine Interface (HMI) Industry Drivers

10.3 Touch Based Human Machine Interface (HMI) Industry Opportunities and Challenges

10.4 Touch Based Human Machine Interface (HMI) Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

List Of Tables

LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)

Table 4. Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)

Table 5. Global Touch Based Human Machine Interface (HMI) Production by Manufacturers (K Units) & (2019-2024)

Table 6. Global Touch Based Human Machine Interface (HMI) Production Market Share by Manufacturers

Table 7. Global Touch Based Human Machine Interface (HMI) Production Value by Manufacturers (US\$ Million) & (2019-2024)

Table 8. Global Touch Based Human Machine Interface (HMI) Production Value Market Share by Manufacturers (2019-2024)

Table 9. Global Touch Based Human Machine Interface (HMI) Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 10. Global Touch Based Human Machine Interface (HMI) Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 11. Global Touch Based Human Machine Interface (HMI) Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global Touch Based Human Machine Interface (HMI) by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2023)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. Siemens Touch Based Human Machine Interface (HMI) Company Information

Table 16. Siemens Business Overview

Table 17. Siemens Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 18. Siemens Product Portfolio

Table 19. Siemens Recent Developments

Table 20. Advantech Touch Based Human Machine Interface (HMI) Company Information

Table 21. Advantech Business Overview

Table 22. Advantech Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 23. Advantech Product Portfolio

Table 24. Advantech Recent Developments

Table 25. Mitsubishi Electric Corporation Touch Based Human Machine Interface (HMI) Company Information

Table 26. Mitsubishi Electric Corporation Business Overview

Table 27. Mitsubishi Electric Corporation Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 28. Mitsubishi Electric Corporation Product Portfolio

Table 29. Mitsubishi Electric Corporation Recent Developments

Table 30. Pro-Face Touch Based Human Machine Interface (HMI) Company Information

Table 31. Pro-Face Business Overview

Table 32. Pro-Face Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 33. Pro-Face Product Portfolio

Table 34. Pro-Face Recent Developments

Table 35. ABB Touch Based Human Machine Interface (HMI) Company Information

Table 36. ABB Business Overview

Table 37. ABB Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 38. ABB Product Portfolio

Table 39. ABB Recent Developments

Table 40. Emerson Electric Co. Touch Based Human Machine Interface (HMI) Company Information

Table 41. Emerson Electric Co. Business Overview

Table 42. Emerson Electric Co. Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 43. Emerson Electric Co. Product Portfolio

Table 44. Emerson Electric Co. Recent Developments

Table 45. Schneider Touch Based Human Machine Interface (HMI) Company Information

Table 46. Schneider Business Overview

Table 47. Schneider Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 48. Schneider Product Portfolio

Table 49. Schneider Recent Developments

Table 50. WEINVIEW Touch Based Human Machine Interface (HMI) Company Information

Table 51. WEINVIEW Business Overview

Table 52. WEINVIEW Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 53. WEINVIEW Product Portfolio

Table 54. WEINVIEW Recent Developments

Table 55. Omron Corporation Touch Based Human Machine Interface (HMI) Company Information

Table 56. Omron Corporation Business Overview

Table 57. Omron Corporation Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 58. Omron Corporation Product Portfolio

Table 59. Omron Corporation Recent Developments

Table 60. Delta Touch Based Human Machine Interface (HMI) Company Information

Table 61. Delta Business Overview

Table 62. Delta Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 63. Delta Product Portfolio

Table 64. Delta Recent Developments

Table 65. MCGS Touch Based Human Machine Interface (HMI) Company Information

Table 66. MCGS Business Overview

Table 67. MCGS Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 68. MCGS Product Portfolio

Table 69. MCGS Recent Developments

Table 70. KEYENCE Touch Based Human Machine Interface (HMI) Company Information

Table 71. KEYENCE Business Overview

Table 72. KEYENCE Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 73. KEYENCE Product Portfolio

Table 74. KEYENCE Recent Developments

Table 75. Beijer Electronics Touch Based Human Machine Interface (HMI) Company Information

Table 76. Beijer Electronics Business Overview

Table 77. Beijer Electronics Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 78. Beijer Electronics Product Portfolio

Table 79. Beijer Electronics Recent Developments

Table 80. Kinco Automation Touch Based Human Machine Interface (HMI) Company

Information

Table 81. Kinco Automation Business Overview

Table 82. Kinco Automation Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 83. Kinco Automation Product Portfolio

Table 84. Kinco Automation Recent Developments

Table 85. Kinco Automation Touch Based Human Machine Interface (HMI) Company Information

Table 86. Touchwo Business Overview

Table 87. Touchwo Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 88. Touchwo Product Portfolio

Table 89. Touchwo Recent Developments

Table 90. Fuji Electric Touch Based Human Machine Interface (HMI) Company Information

Table 91. Fuji Electric Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 92. Fuji Electric Product Portfolio

Table 93. Fuji Electric Recent Developments

Table 94. Panasonic Touch Based Human Machine Interface (HMI) Company Information

Table 95. Panasonic Business Overview

Table 96. Panasonic Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 97. Panasonic Product Portfolio

Table 98. Panasonic Recent Developments

Table 99. LS Electric Touch Based Human Machine Interface (HMI) Company Information

Table 100. LS Electric Business Overview

Table 101. LS Electric Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 102. LS Electric Product Portfolio

Table 103. LS Electric Recent Developments

Table 104. Red Lion Controls Touch Based Human Machine Interface (HMI) Company Information

Table 105. Red Lion Controls Business Overview

Table 106. Red Lion Controls Touch Based Human Machine Interface (HMI) Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 107. Red Lion Controls Product Portfolio

Table 108. Red Lion Controls Recent Developments

Table 109. Global Touch Based Human Machine Interface (HMI) Production

Comparison by Region: 2019 VS 2023 VS 2030 (K Units)

Table 110. Global Touch Based Human Machine Interface (HMI) Production by Region (2019-2024) & (K Units)

Table 111. Global Touch Based Human Machine Interface (HMI) Production Market Share by Region (2019-2024)

Table 112. Global Touch Based Human Machine Interface (HMI) Production Forecast by Region (2025-2030) & (K Units)

Table 113. Global Touch Based Human Machine Interface (HMI) Production Market Share Forecast by Region (2025-2030)

Table 114. Global Touch Based Human Machine Interface (HMI) Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Table 115. Global Touch Based Human Machine Interface (HMI) Production Value by Region (2019-2024) & (US\$ Million)

Table 116. Global Touch Based Human Machine Interface (HMI) Production Value Market Share by Region (2019-2024)

Table 117. Global Touch Based Human Machine Interface (HMI) Production Value Forecast by Region (2025-2030) & (US\$ Million)

Table 118. Global Touch Based Human Machine Interface (HMI) Production Value Market Share Forecast by Region (2025-2030)

Table 119. Global Touch Based Human Machine Interface (HMI) Market Average Price (USD/Unit) by Region (2019-2024)

Table 120. Global Touch Based Human Machine Interface (HMI) Consumption Comparison by Region: 2019 VS 2023 VS 2030 (K Units)

Table 121. Global Touch Based Human Machine Interface (HMI) Consumption by Region (2019-2024) & (K Units)

Table 122. Global Touch Based Human Machine Interface (HMI) Consumption Market Share by Region (2019-2024)

Table 123. Global Touch Based Human Machine Interface (HMI) Forecasted Consumption by Region (2025-2030) & (K Units)

Table 124. Global Touch Based Human Machine Interface (HMI) Forecasted Consumption Market Share by Region (2025-2030)

Table 125. North America Touch Based Human Machine Interface (HMI) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Units)

Table 126. North America Touch Based Human Machine Interface (HMI) Consumption by Country (2019-2024) & (K Units)

Table 127. North America Touch Based Human Machine Interface (HMI) Consumption by Country (2025-2030) & (K Units)

Table 128. Europe Touch Based Human Machine Interface (HMI) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Units)

Table 129. Europe Touch Based Human Machine Interface (HMI) Consumption by Country (2019-2024) & (K Units)

Table 130. Europe Touch Based Human Machine Interface (HMI) Consumption by Country (2025-2030) & (K Units)

Table 131. Asia Pacific Touch Based Human Machine Interface (HMI) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Units)

Table 132. Asia Pacific Touch Based Human Machine Interface (HMI) Consumption by Country (2019-2024) & (K Units)

Table 133. Asia Pacific Touch Based Human Machine Interface (HMI) Consumption by Country (2025-2030) & (K Units)

Table 134. Latin America, Middle East & Africa Touch Based Human Machine Interface (HMI) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Units)

Table 135. Latin America, Middle East & Africa Touch Based Human Machine Interface (HMI) Consumption by Country (2019-2024) & (K Units)

Table 136. Latin America, Middle East & Africa Touch Based Human Machine Interface (HMI) Consumption by Country (2025-2030) & (K Units)

Table 137. Global Touch Based Human Machine Interface (HMI) Production by Type (2019-2024) & (K Units)

Table 138. Global Touch Based Human Machine Interface (HMI) Production by Type (2025-2030) & (K Units)

Table 139. Global Touch Based Human Machine Interface (HMI) Production Market Share by Type (2019-2024)

Table 140. Global Touch Based Human Machine Interface (HMI) Production Market Share by Type (2025-2030)

Table 141. Global Touch Based Human Machine Interface (HMI) Production Value by Type (2019-2024) & (US\$ Million)

Table 142. Global Touch Based Human Machine Interface (HMI) Production Value by Type (2025-2030) & (US\$ Million)

Table 143. Global Touch Based Human Machine Interface (HMI) Production Value Market Share by Type (2019-2024)

Table 144. Global Touch Based Human Machine Interface (HMI) Production Value Market Share by Type (2025-2030)

Table 145. Global Touch Based Human Machine Interface (HMI) Price by Type (2019-2024) & (USD/Unit)

Table 146. Global Touch Based Human Machine Interface (HMI) Price by Type (2025-2030) & (USD/Unit)

Table 147. Global Touch Based Human Machine Interface (HMI) Production by

Application (2019-2024) & (K Units)

Table 148. Global Touch Based Human Machine Interface (HMI) Production by Application (2025-2030) & (K Units)

Table 149. Global Touch Based Human Machine Interface (HMI) Production Market Share by Application (2019-2024)

Table 150. Global Touch Based Human Machine Interface (HMI) Production Market Share by Application (2025-2030)

Table 151. Global Touch Based Human Machine Interface (HMI) Production Value by Application (2019-2024) & (US\$ Million)

Table 152. Global Touch Based Human Machine Interface (HMI) Production Value by Application (2025-2030) & (US\$ Million)

Table 153. Global Touch Based Human Machine Interface (HMI) Production Value Market Share by Application (2019-2024)

Table 154. Global Touch Based Human Machine Interface (HMI) Production Value Market Share by Application (2025-2030)

Table 155. Global Touch Based Human Machine Interface (HMI) Price by Application (2019-2024) & (USD/Unit)

Table 156. Global Touch Based Human Machine Interface (HMI) Price by Application (2025-2030) & (USD/Unit)

Table 157. Key Raw Materials

Table 158. Raw Materials Key Suppliers

Table 159. Touch Based Human Machine Interface (HMI) Distributors List

Table 160. Touch Based Human Machine Interface (HMI) Customers List

Table 161. Touch Based Human Machine Interface (HMI) Industry Trends

Table 162. Touch Based Human Machine Interface (HMI) Industry Drivers

Table 163. Touch Based Human Machine Interface (HMI) Industry Restraints

Table 164. Authors List of This Report

List Of Figures

LIST OF FIGURES

Figure 1. Research Methodology

Figure 2. Research Process

Figure 3. Key Executives Interviewed

Figure 4. Touch Based Human Machine Interface (HMI) Product Picture

Figure 5. Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)

Figure 6. Resistive Product Picture

Figure 7. Capacitive Product Picture

Figure 8. Surface Acoustic Wave Product Picture

Figure 9. Others Product Picture

Figure 10. Industrial Product Picture

Figure 11. Commercial Product Picture

Figure 12. Others Product Picture

Figure 13. Global Touch Based Human Machine Interface (HMI) Production Value (US\$ Million), 2019 VS 2023 VS 2030

Figure 14. Global Touch Based Human Machine Interface (HMI) Production Value (2019-2030) & (US\$ Million)

Figure 15. Global Touch Based Human Machine Interface (HMI) Production Capacity (2019-2030) & (K Units)

Figure 16. Global Touch Based Human Machine Interface (HMI) Production (2019-2030) & (K Units)

Figure 17. Global Touch Based Human Machine Interface (HMI) Average Price (USD/Unit) & (2019-2030)

Figure 18. Global Touch Based Human Machine Interface (HMI) Key Manufacturers, Manufacturing Sites & Headquarters

Figure 19. Global Touch Based Human Machine Interface (HMI) Manufacturers, Date of Enter into This Industry

Figure 20. Global Top 5 and 10 Touch Based Human Machine Interface (HMI) Players Market

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