

Smart Display Market with COVID-19 Impact Analysis by Smart Home Display (Voice-controlled, Smart Appliance), Smart Display Mirror, Smart Signage (Retail & Hospitality Facilities, Sports & Entertainment Venues), Geography - Global Forecast to 2027

https://marketpublishers.com/r/S5D6D596EF0EN.html

Date: February 2022

Pages: 211

Price: US\$ 4,950.00 (Single User License)

ID: S5D6D596EF0EN

Abstracts

The smart display market is expected to grow from USD 2.3 billion in 2022 to USD 9.7 billion by 2027; it is expected to grow at a CAGR of 33.4% during the forecast period. The major driving factors for the growth of the smart display market include the growing use of smart devices and increasing internet penetration.

Smart home display to witness highest CAGR in smart display market during the forecast period

Smart display market is expected to grow at a CAGR during the forecast period. High demand for smart mirrors from the automotive industry, new and innovative features offered by smart mirrors, increasing number of internet users and growing adoption of smart devices according to consumer preferences, surging demand for AI-powered and IoT-enabled smart home appliances, increasing trend of context-aware signage, and growing adoption of smart signage in retail sector are the key driving factors for the smart display market. However, High risks of theft and breach of customer data hampering the growth of the market.

Smart Signage to account for largest share of smart display market during the forecast period.

The smart signage market has witnessed various technological advancements and registered remarkable growth over the last few years. Smart signage is among the most



demanding and growing platforms that empower many people to access product information and promotions. Various industries are encouraged to deploy smart signage solutions owing to their user-friendly and customer-centric features. Different types of digital signage products, such as displays, media players, and projectors, are used by the retailers for effective interaction with customers. In retail stores, smart signage solutions are used to greet customers, enhance customer shopping experiences, and display advertisements.

North America to hold a significant market share of smart display market during the forecast period.

North America is expected to hold the second highest market share of the smart display market during the forecast period. The smart display market in North America is estimated to grow significantly over the next few years. Being technologically advanced and developed, the region is a major adopter of cutting-edge technologies used in the advertisement sector. The smart display market in North America is driven by various factors, such as the high standard of living of customers, the growing need to save time, and the increasing requirement for improved retail services in terms of accuracy and efficiency. In the current market scenario, the US dominates the smart display market in North America because of its well-established economy that supports the large retail and transportation market.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted with key officials in the smart display market. Following is the breakup of the profiles of primary participants for the report.

By Company Type: Tier 1 – 56 %, Tier 2 – 23%, and Tier 3 – 21%

By Designation: C-Level Executives – 75%, Managers – 25%

By Region: North America – 40%, APAC – 26%, Europe - 23% and RoW – 11%

The smart display market comprises major players such as Amazon (US), Samsung Electronics (South Korea), Alphabet (Google) (US), Apple (US), LG Electronics (South Korea), NEC Corporation (Japan), Panasonic Corporation (Japan), Leyard Optoelectronic (Planar) (China), Sony (Japan), Facebook (US), Magna International (Canada), and Gentex (US), Qualcomm(US), Intel(US), Honeywell(US), Lenovo(Hong



Kong), Electric Mirror(US), Qisda Corporation(Taiwan), Robert Bosch(Germany), Alps Alpine(Japan), IBM(US), Smart Parking (Australia), Oak Labs(US), Dirror(Germany) and Myra Mirrors (US)

Research Coverage

The report defines, describes, and forecasts the smart display market based on type and geography. It provides detailed information regarding factors such as drivers, restraints, opportunities, and challenges influencing the growth of the smart display market. It also analyzes competitive developments such as product launches, acquisitions, expansions, contracts, partnerships, and developments carried out by the key players to grow in the market.

Reasons to Buy This Report

The report will help leaders/new entrants in the smart display market in the following ways:

- 1. The report segments the smart display market comprehensively and provides the closest market size estimation for all subsegments across regions.
- 2. The report will help stakeholders understand the pulse of the market and provide them with information on key drivers, restraints, challenges, and opportunities about the smart display market.
- 3. The report will help stakeholders understand their competitors better and gain insights to improve their position in the smart display market. The competitive landscape section describes the competitor ecosystem.



Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 DEFINITION AND SCOPE
 - 1.2.1 INCLUSIONS AND EXCLUSIONS
- 1.3 STUDY SCOPE
 - 1.3.1 MARKETS COVERED

FIGURE 1 SMART DISPLAY MARKET SEGMENTATION

- 1.3.2 GEOGRAPHIC SCOPE
- 1.3.3 YEARS CONSIDERED
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 MARKET STAKEHOLDERS
- 1.7 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 PROCESS FLOW: SMART DISPLAY MARKET SIZE ESTIMATION

FIGURE 3 SMART DISPLAY MARKET: RESEARCH DESIGN

- 2.1.1 SECONDARY AND PRIMARY RESEARCH
- 2.1.2 SECONDARY DATA
 - 2.1.2.1 Secondary sources
 - 2.1.2.2 Key secondary sources
- 2.1.3 PRIMARY DATA
 - 2.1.3.1 Key industry insights
 - 2.1.3.2 Primary interviews with experts
 - 2.1.3.3 List of key primary respondents
 - 2.1.3.4 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION

FIGURE 4 SUPPLY-SIDE ANALYSIS: SMART DISPLAY MARKET (1/2)

FIGURE 5 SUPPLY-SIDE ANALYSIS: SMART DISPLAY MARKET (2/2)

2.2.1 BOTTOM-UP APPROACH

FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

2.2.2 TOP-DOWN APPROACH

FIGURE 7 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

2.3 MARKET BREAKDOWN AND DATA TRIANGULATION



2.4 RESEARCH ASSUMPTIONS
TABLE 1 ASSUMPTIONS FOR RESEARCH STUDY
2.5 LIMITATIONS
2.6 RISK ASSESSMENT
TABLE 2 RISK ASSESSMENT

3 EXECUTIVE SUMMARY

- 3.1 SMART DISPLAY MARKET: POST-COVID-19
 - 3.1.1 REALISTIC SCENARIO

FIGURE 8 REALISTIC SCENARIO: SMART DISPLAY MARKET, 2018–2027 (USD MILLION)

3.1.2 PESSIMISTIC SCENARIO

FIGURE 9 PESSIMISTIC SCENARIO: SMART DISPLAY MARKET, 2018–2027 (USD MILLION)

3.1.3 OPTIMISTIC SCENARIO

FIGURE 10 OPTIMISTIC SCENARIO: SMART DISPLAY MARKET, 2018–2027 (USD MILLION)

FIGURE 11 IMPACT OF COVID-19 ON SMART DISPLAY MARKET

FIGURE 12 SMART SIGNAGE TO HOLD LARGER MARKET SIZE DURING

FORECAST PERIOD

FIGURE 13 NORTH AMERICA TO ACCOUNT FOR LARGEST SHARE OF SMART DISPLAY MARKET IN 2021

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN SMART DISPLAY MARKET

FIGURE 14 APAC TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

4.2 SMART DISPLAY MARKET. BY TYPE

FIGURE 15 SMART SIGNAGE TO HOLD LARGEST MARKET SIZE IN 2027

4.3 SMART SIGNAGE MARKET, BY APPLICATION

FIGURE 16 RETAIL AND HOSPITALITY FACILITIES TO HOLD LARGEST SIZE OF SMART SIGNAGE MARKET, BY APPLICATION, IN 2027

4.4 SMART HOME DISPLAY MARKET, BY PRODUCT TYPE

FIGURE 17 VOICE-CONTROLLED/ASSISTANCE SMART HOME DISPLAYS TO

HAVE HIGHEST MARKET SHARE DURING FORECAST PERIOD

4.5 SMART DISPLAY MARKET, BY REGION (2027)

FIGURE 18 APAC TO RECORD HIGHEST CAGR FOR SMART DISPLAY MARKET IN 2027



5 SMART DISPLAY MIRROR MARKET

5.1 INTRODUCTION

TABLE 3 SMART DISPLAY MIRROR MARKET, IN TERMS OF VALUE AND VOLUME, 2018–2021

TABLE 4 SMART DISPLAY MIRROR MARKET, IN TERMS OF VALUE AND VOLUME, 2022–2027

5.2 MARKET DYNAMICS

FIGURE 19 MARKET DYNAMICS: SMART DISPLAY MIRROR MARKET

5.2.1 DRIVERS

5.2.1.1 Rising demand for smart mirrors from automotive industry

TABLE 5 ADVANCED DRIVER ASSISTANCE SYSTEMS, BY AUTOMATION LEVEL FIGURE 20 ADAS PENETRATION RATE IN GLOBAL SALES OF LIGHT VEHICLES, BY LEVEL. 2017–2050

FIGURE 21 IMPACT OF SMART MIRRORS ON ADAS PENETRATION, 2017–2050

- 5.2.1.2 New and innovative features of smart mirrors
- 5.2.1.3 Upsurge in online/digital retail shopping due to COVID-19 pandemic
- 5.2.1.4 Transition from traditional stores to smart stores in retail industry

FIGURE 22 COMPONENTS OF SMART RETAIL

- 5.2.2 RESTRAINTS
 - 5.2.2.1 High risks of customer data theft and breach of customer data privacy
- 5.2.3 OPPORTUNITIES
 - 5.2.3.1 Growing applications of smart mirrors in smart homes
 - 5.2.3.2 Increasing use of smart digital mirrors in healthcare solutions
 - 5.2.3.3 High growth potential in retail sector
- 5.2.4 CHALLENGES
 - 5.2.4.1 Lack of awareness regarding smart mirrors and high costs
- 5.3 VALUE CHAIN ANALYSIS

FIGURE 23 VALUE CHAIN ANALYSIS FOR SMART DISPLAY MIRRORS

- 5.3.1 R&D ENGINEERS
- 5.3.2 ORIGINAL EQUIPMENT MANUFACTURERS
- 5.3.3 KEY TECHNOLOGY PROVIDERS AND SYSTEM INTEGRATORS
- 5.3.4 DISTRIBUTORS AND MARKETING TEAMS
- 5.3.5 END USERS
- 5.4 SMART DISPLAY MIRROR MARKET ECOSYSTEM ANALYSIS

TABLE 6 SMART DISPLAY MIRROR MARKET: ECOSYSTEM

- 5.5 SMART DISPLAY MIRROR MARKET, BY MIRROR TYPE
 - 5.5.1 INTRODUCTION



TABLE 7 SMART DISPLAY MIRROR MARKET, BY MIRROR TYPE, 2018–2021 (USD MILLION)

TABLE 8 SMART DISPLAY MIRROR MARKET, BY MIRROR TYPE, 2022–2027 (USD MILLION)

TABLE 9 SMART DISPLAY MIRROR MARKET, BY MIRROR TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 10 SMART DISPLAY MIRROR MARKET, BY MIRROR TYPE, 2022–2027 (THOUSAND UNITS)

5.5.2 AUTOMOTIVE SMART DISPLAY MIRRORS

5.5.2.1 Introduction

FIGURE 24 AUTOMOTIVE SMART DISPLAY MIRRORS MARKET SEGMENTATION 5.5.2.2 Automotive smart display mirrors market, by mirror type

TABLE 11 AUTOMOTIVE SMART DISPLAY MIRRORS MARKET, BY MIRROR TYPE, 2018–2021 (USD MILLION)

TABLE 12 AUTOMOTIVE SMART DISPLAY MIRRORS MARKET, BY MIRROR TYPE, 2022–2027 (USD MILLION)

FIGURE 25 OEM REARVIEW DISPLAY MIRRORS TO EXHIBIT HIGHEST GROWTH RATE DURING FORECAST PERIOD

TABLE 13 AUTOMOTIVE SMART DISPLAY MIRRORS MARKET, BY MIRROR TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 14 AUTOMOTIVE SMART DISPLAY MIRRORS MARKET, BY MIRROR TYPE, 2022–2027 (THOUSAND UNITS)

- 5.5.2.2.1 OEM rearview display mirror
- 5.5.2.2.2 Aftermarket rearview display mirror
- 5.5.2.2.3 Side-view display mirror
- 5.5.2.3 Automotive smart display mirrors market, by component

TABLE 15 AUTOMOTIVE SMART DISPLAY MIRRORS MARKET, BY COMPONENT, 2018–2021 (USD MILLION)

TABLE 16 AUTOMOTIVE SMART DISPLAY MIRRORS MARKET, BY COMPONENT, 2022–2027 (USD MILLION)

- 5.5.2.3.1 Display panels
- 5.5.2.3.2 Camera and sensor modules
- 5.5.2.3.3 Glass and other hardware
- 5.5.2.3.4 Software
- 5.5.2.4 Automotive smart display mirrors market, by region

TABLE 17 AUTOMOTIVE SMART DISPLAY MIRRORS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 18 AUTOMOTIVE SMART DISPLAY MIRRORS MARKET, BY REGION, 2022–2027 (USD MILLION)



5.5.2.4.1 North America

5.5.2.4.2 Europe

5.5.2.4.3 APAC

5.5.2.4.4 RoW

5.5.3 OTHER SMART DISPLAY MIRRORS

5.5.3.1 Introduction

FIGURE 26 OTHER SMART DISPLAY MIRRORS MARKET SEGMENTATION

5.5.3.2 Other smart display mirrors market, by application

FIGURE 27 RETAIL & HOSPITALITY APPLICATION TO WITNESS HIGHER DEMAND FOR OTHER SMART DISPLAY MIRRORS DURING FORECAST PERIOD

TABLE 19 OTHER SMART DISPLAY MIRRORS MARKET, BY APPLICATION,

2018-2021 (USD MILLION)

TABLE 20 OTHER SMART DISPLAY MIRRORS MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

5.5.3.2.1 Retail & hospitality

5.5.3.2.2 Smart home & others

5.5.3.3 Other smart display mirrors market, by region

FIGURE 28 NORTH AMERICA EXPECED TO HAVE HIGHEST DEMAND FOR OTHER SMART DISPLAY MIRRORS DURING FORECAST PERIOD TABLE 21 OTHER SMART DISPLAY MIRRORS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 22 OTHER SMART DISPLAY MIRRORS MARKET, BY REGION, 2022–2027(USD MILLION)

5.5.3.3.1 North America

5.5.3.3.2 Europe

5.5.3.3.3 APAC

5.5.3.3.4 RoW

6 SMART HOME DISPLAY MARKET

6.1 INTRODUCTION

TABLE 23 SMART HOME DISPLAY MARKET, IN TERMS OF VALUE AND VOLUME, 2018–2021

TABLE 24 SMART HOME DISPLAY MARKET, IN TERMS OF VALUE AND VOLUME, 2022–2027

6.2 MARKET DYNAMICS

FIGURE 29 MARKET DYNAMICS: SMART HOME DISPLAY MARKET

6.2.1 DRIVERS

6.2.1.1 Increasing number of internet users and growing adoption of smart devices



FIGURE 30 INTERNET USERS TILL 2021, BY REGION

- 6.2.1.2 Surging demand for Al-powered and IoT-enabled smart home appliances
- 6.2.1.3 Growing focus of many players on expansion of smart home product portfolios
 - 6.2.1.4 Escalating demand for security systems and video identification systems
 - 6.2.2 RESTRAINTS
 - 6.2.2.1 Issues related to security and privacy
 - 6.2.3 OPPORTUNITIES
 - 6.2.3.1 Increasing popularity of smart home devices
- FIGURE 31 SMART HOME PENETRATION WORLDWIDE, 2016 VS. 2020
 - 6.2.3.2 Rising trend of consolidating smart speakers with displays
 - 6.2.4 CHALLENGES
 - 6.2.4.1 Supply chain disruptions due to COVID-19 pandemic
 - 6.2.4.2 Risk of device malfunctioning
- 6.2.4.3 Device compatibility issues due to lack of common standards and communication protocols
- 6.3 SMART HOME DISPLAY VALUE CHAIN ANALYSIS
- FIGURE 32 VALUE CHAIN ANALYSIS OF SMART HOME DISPLAYS
- 6.4 SMART HOME DISPLAY MARKET ECOSYSTEM ANALYSIS

TABLE 25 SMART HOME DISPLAY MARKET: ECOSYSTEM

- 6.5 PROTOCOLS AND STANDARDS
 - 6.5.1 DALI
 - 6.5.2 NEMA
 - 6.5.3 KNX
 - 6.5.4 DMX
 - 6.5.5 LONWORKS
- FIGURE 33 LONWORKS NETWORK SET-UP
 - 6.5.6 ETHERNET
 - **6.5.7 MODBUS**
 - **6.5.8 BACNET**
 - 6.5.9 BLACK BOX
 - 6.5.10 PLC
- 6.6 WIRELESS COMMUNICATION TECHNOLOGY ANALYSIS
- FIGURE 34 WIRELESS COMMUNICATION TECHNOLOGIES
 - 6.6.1 ZIGBEE
 - 6.6.2 Z-WAVE
 - 6.6.3 WI-FI
 - 6.6.4 BLUETOOTH
 - 6.6.5 ENOCEAN



6.6.6 THREAD

6.6.7 INFRARED

6.7 SMART HOME DISPLAY MARKET, BY PRODUCT TYPE

FIGURE 35 SMART HOME DISPLAY MARKET, BY PRODUCT TYPE

TABLE 26 SMART HOME DISPLAY MARKET, BY PRODUCT TYPE, 2018–2021 (USD MILLION)

TABLE 27 SMART HOME DISPLAY MARKET, BY PRODUCT TYPE, 2022–2027 (USD MILLION)

TABLE 28 SMART HOME DISPLAY MARKET, BY PRODUCT TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 29 SMART HOME DISPLAY MARKET, BY PRODUCT TYPE, 2022–2027 (THOUSAND UNITS)

6.7.1 VOICE-CONTROLLED/ASSISTANCE SMART DISPLAY

6.7.1.1 Introduction

TABLE 30 LEADING PLAYERS AND THEIR VOICE-CONTROLLED SMART DISPLAY DEVICES, 2021

6.7.1.2 Voice-controlled smart display market, by component

FIGURE 36 SOFTWARE SEGMENT TO RECORD HIGHEST CAGR IN VOICE-

CONTROLLED SMART DISPLAY MARKET DURING FORECAST PERIOD

TABLE 31 VOICE-CONTROLLED SMART DISPLAY MARKET, BY COMPONENT, 2018–2021 (USD MILLION)

TABLE 32 VOICE-CONTROLLED SMART DISPLAY MARKET, BY COMPONENT, 2022–2027 (USD MILLION)

6.7.1.2.1 Display panels

6.7.1.2.2 Other hardware components

6.7.1.2.3 Software

6.7.1.3 Voice-controlled smart display market, by region

FIGURE 37 APAC TO RECORD HIGHEST CAGR IN VOICE-CONTROLLED SMART DISPLAY MARKET DURING FORECAST PERIOD

TABLE 33 VOICE-CONTROLLED SMART DISPLAY MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 34 VOICE-CONTROLLED SMART DISPLAY MARKET, BY REGION, 2022–2027 (USD MILLION)

6.7.1.3.1 North America

6.7.1.3.2 Europe

6.7.1.3.3 APAC

6.7.1.3.4 RoW

6.7.2 SMART APPLIANCE DISPLAY

6.7.2.1 Introduction



FIGURE 38 SMART APPLIANCE DISPLAY MARKET SEGMENTATION

6.7.2.2 Smart appliance display market, by component

FIGURE 39 DISPLAY PANELS TO CAPTURE LARGEST SHARE OF SMART APPLIANCE DISPLAY MARKET, IN TERMS OF VALUE, DURING FORECAST PERIOD

TABLE 35 SMART APPLIANCE DISPLAY MARKET, BY COMPONENT, 2018–2021 (USD MILLION)

TABLE 36 SMART APPLIANCE DISPLAY MARKET, BY COMPONENT, 2022–2027 (USD MILLION)

- 6.7.2.2.1 Display panels
- 6.7.2.2.2 Other hardware components
- 6.7.2.2.3 Software
- 6.7.2.3 Smart appliance display market, by region

TABLE 37 SMART APPLIANCE DISPLAY MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 38 SMART APPLIANCE DISPLAY MARKET, BY REGION, 2022–2027 (USD MILLION)

- 6.7.2.3.1 North America
- 6.7.2.3.2 Europe
- 6.7.2.3.3 APAC
- 6.7.2.3.4 RoW

7 SMART SIGNAGE MARKET

7.1 INTRODUCTION

FIGURE 40 SMART SIGNAGE MARKET SEGMENTATION

TABLE 39 SMART SIGNAGE MARKET, IN TERMS OF VALUE AND VOLUME, 2018–2021

TABLE 40 SMART SIGNAGE MARKET, IN TERMS OF VALUE AND VOLUME, 2022–2027

7.2 MARKET DYNAMICS

FIGURE 41 MARKET DYNAMICS: SMART SIGNAGE MARKET

7.2.1 DRIVERS

- 7.2.1.1 Increasing trend of context-aware signage
- 7.2.1.2 Growing adoption of smart signage in retail sector
- 7.2.1.3 Surging use of Al-based smart signage to understand customer demand 7.2.2 RESTRAINTS
- 7.2.2.1 Complexities in manufacturing all-weather display-based smart signage systems for outdoor applications



7.2.3 OPPORTUNITIES

7.2.3.1 Increasing number of smart stores worldwide

7.2.3.2 Growing utilization of smart signage in tradeshows and events

7.2.4 CHALLENGES

7.2.4.1 Higher costs of installation, ownership, and maintenance

7.2.4.2 Lower level of awareness about advantages and components of smart signage solutions

7.3 PRICING ANALYSIS

TABLE 41 INDICATIVE PRICES OF SMART SIGNAGE DEVICES

7.4 PATENT ANALYSIS

TABLE 42 NOTICEABLE PATENTS REGISTERED: SMART DISPLAY MARKET

7.5 TARIFFS AND REGULATIONS REGARDING SMART SIGNAGE SOLUTIONS

7.5.1 REGULATIONS: SMART DISPLAYS

TABLE 43 REGULATIONS: SMART DISPLAYS

7.5.2 TARIFFS: DISPLAY PANELS

7.6 CASE STUDIES

7.6.1 INTRODUCTION

7.6.2 SMART SIGNAGE IN RESTAURANTS

TABLE 44 SMART SIGNAGE ACCELERATES FULL DIGITALIZATION OF

MCDONALD'S DRIVE THRU LOCATION

7.6.3 SMART SIGNAGE FOR CORPORATES

TABLE 45 INDOOR SMART LED DISPLAYS EMPOWER MICROSOFT TO ACHIEVE MORE

7.6.4 SMART SIGNAGE IN AIRPORTS

TABLE 46 SMART LED DISPLAYS TRANSFORM PASSENGER EXPERIENCE AT HELSINKI AIRPORT

7.6.5 SMART SIGNAGE IN HEALTHCARE

TABLE 47 FUTURAMEDIA AND SCALA DRIVE FRENCH PHARMACY SALES WITH DIGITAL SIGNAGE

7.6.6 SMART SIGNAGE IN RETAIL

TABLE 48 SCALA HELPS HUNKEMOLLER PROVIDE NEW DIMENSION TO SHOPPING EXPERIENCE

7.6.7 SMART SIGNAGE IN SHOPPING CENTERS

TABLE 49 POSNANIA SHOPPING COMPLEX OPENS WITH REVOLUTIONARY DIGITAL SIGNAGE SYSTEM

7.6.8 SMART SIGNAGE IN HOSPITALITY

TABLE 50 MSC CRUISES PARTNERS WITH SAMSUNG TO ENHANCE

PASSENGER EXPERIENCE

7.7 TRADE ANALYSIS



7.7.1 EXPORT SCENARIO OF BOARDS, PANELS, CONSOLES, DESKS, CABINETS, AND OTHER BASES

FIGURE 42 BOARDS, PANELS, CONSOLES, DESKS, CABINETS, AND OTHER BASES EXPORT, BY KEY COUNTRY, 2020

7.7.2 IMPORT SCENARIO OF BOARDS, PANELS, CONSOLES, DESKS, CABINETS, AND OTHER BASES

FIGURE 43 BOARDS, PANELS, CONSOLES, DESKS, CABINETS, AND OTHER BASES IMPORT, BY KEY COUNTRY, 2020

7.8 SMART SIGNAGE MARKET ECOSYSTEM ANALYSIS

TABLE 51 SMART SIGNAGE MARKET: ECOSYSTEM

7.9 SMART SIGNAGE MARKET, BY APPLICATION

7.9.1 INTRODUCTION

FIGURE 44 SMART SIGNAGE MARKET, BY APPLICATION

FIGURE 45 RETAIL AND HOSPITALITY FACILITIES TO HOLD LARGEST SIZE OF SMART SIGNAGE MARKET DURING FORECAST PERIOD

TABLE 52 SMART SIGNAGE MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 53 SMART SIGNAGE MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

7.9.2 RETAIL AND HOSPITALITY FACILITIES

TABLE 54 SMART SIGNAGE MARKET FOR RETAIL AND HOSPITALITY FACILITIES, BY REGION, 2018–2021 (USD MILLION)

TABLE 55 SMART SIGNAGE MARKET FOR RETAIL AND HOSPITALITY FACILITIES, BY REGION, 2022–2027 (USD MILLION)

7.9.3 TRANSPORTATION HUBS AND PUBLIC PLACES

TABLE 56 SMART SIGNAGE MARKET FOR TRANSPORTATION HUBS AND PUBLIC PLACES, BY REGION, 2018–2021 (USD MILLION)

TABLE 57 SMART SIGNAGE MARKET FOR TRANSPORTATION HUBS AND PUBLIC PLACES, BY REGION, 2022–2027 (USD MILLION)

7.9.4 SPORTS AND ENTERTAINMENT VENUES

TABLE 58 SMART SIGNAGE MARKET FOR SPORTS AND ENTERTAINMENT VENUES, BY REGION, 2018–2021 (USD MILLION)

TABLE 59 SMART SIGNAGE MARKET FOR SPORTS AND ENTERTAINMENT VENUES, BY REGION, 2022–2027 (USD MILLION)

7.9.5 OTHERS

TABLE 60 SMART SIGNAGE MARKET FOR OTHER APPLICATIONS, BY REGION, 2018–2021 (USD MILLION)

TABLE 61 SMART SIGNAGE MARKET FOR OTHER APPLICATIONS, BY REGION, 2022–2027 (USD MILLION)



7.10 SMART SIGNAGE MARKET, BY OFFERING

7.10.1 INTRODUCTION

FIGURE 46 SMART SIGNAGE MARKET, BY OFFERING

TABLE 62 SMART SIGNAGE MARKET, BY OFFERING, 2018–2021 (USD MILLION)

TABLE 63 SMART SIGNAGE MARKET, BY OFFERING, 2022–2027 (USD MILLION)

7.10.2 DISPLAYS

7.10.3 MEDIA PLAYERS

7.10.4 SOFTWARE SOLUTIONS/PLATFORMS

7.10.5 SERVICES

7.11 SMART SIGNAGE MARKET, BY REGION

7.11.1 INTRODUCTION

FIGURE 47 NORTH AMERICA TO ACCOUNT FOR LARGEST SIZE OF SMART SIGNAGE MARKET DURING FORECAST PERIOD

TABLE 64 SMART SIGNAGE MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 65 SMART SIGNAGE MARKET, BY REGION, 2022–2027 (USD MILLION)

7.11.2 NORTH AMERICA

TABLE 66 SMART SIGNAGE MARKET IN NORTH AMERICA, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 67 SMART SIGNAGE MARKET IN NORTH AMERICA, BY APPLICATION, 2022–2027 (USD MILLION)

7.11.3 EUROPE

TABLE 68 SMART SIGNAGE MARKET IN EUROPE, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 69 SMART SIGNAGE MARKET IN EUROPE, BY APPLICATION, 2022–2027 (USD MILLION)

7.11.4 APAC

TABLE 70 SMART SIGNAGE MARKET IN APAC, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 71 SMART SIGNAGE MARKET IN APAC, BY APPLICATION, 2022–2027 (USD MILLION)

7.11.5 ROW

TABLE 72 SMART SIGNAGE MARKET IN ROW, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 73 SMART SIGNAGE MARKET IN ROW, BY APPLICATION, 2022–2027 (USD MILLION)

8 GEOGRAPHIC ANALYSIS

8.1 INTRODUCTION



FIGURE 48 SMART DISPLAY MARKET: GEOGRAPHIC SNAPSHOT

FIGURE 49 NORTH AMERICA TO ACCOUNT FOR LARGEST SHARE OF SMART DISPLAY MARKET DURING FORECAST PERIOD

TABLE 74 SMART DISPLAY MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 75 SMART DISPLAY MARKET, BY REGION, 2022–2027(USD MILLION)

TABLE 76 SMART DISPLAY MIRROR MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 77 SMART DISPLAY MIRROR MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 78 SMART HOME DISPLAY MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 79 SMART HOME DISPLAY MARKET, BY REGION, 2022–2027 (USD MILLION)

8.2 NORTH AMERICA

FIGURE 50 SNAPSHOT OF SMART DISPLAY MARKET IN NORTH AMERICA FIGURE 51 SMART HOME DISPLAY SEGMENT TO DOMINATE SMART DISPLAY MARKET IN NORTH AMERICA DURING FORECAST PERIOD

TABLE 80 SMART DISPLAY MARKET IN NORTH AMERICA, BY TYPE, 2018–2021 (USD MILLION)

TABLE 81 SMART DISPLAY MARKET IN NORTH AMERICA, BY TYPE, 2022–2027 (USD MILLION)

FIGURE 52 IMPACT OF COVID-19 ON NORTH AMERICA

TABLE 82 POST-COVID19: SMART DISPLAY MARKET IN NORTH AMERICA

2018–2027 (USD MILLION)

TABLE 83 SMART HOME DISPLAY MARKET IN NORTH AMERICA, BY PRODUCT TYPE, 2018–2021 (USD MILLION)

TABLE 84 SMART HOME DISPLAY MARKET IN NORTH AMERICA, BY PRODUCT TYPE, 2022–2027 (USD MILLION)

TABLE 85 SMART DISPLAY MIRROR MARKET IN NORTH AMERICA, BY TYPE, 2018–2021 (USD MILLION)

TABLE 86 SMART DISPLAY MIRROR MARKET IN NORTH AMERICA, BY TYPE, 2022–2027 (USD MILLION)

8.3 EUROPE

FIGURE 53 SNAPSHOT OF SMART DISPLAY MARKET IN EUROPE FIGURE 54 SMART SIGNAGE TO ACCOUNT FOR MAJOR SHARE OF SMART DISPLAY MARKET IN EUROPE DURING FORECAST PERIOD TABLE 87 SMART DISPLAY MARKET IN EUROPE, BY TYPE, 2018–2021 (USD



MILLION)

TABLE 88 SMART DISPLAY MARKET IN EUROPE, BY TYPE, 2022–2027 (USD MILLION)

FIGURE 55 IMPACT OF COVID-19 ON EUROPE

TABLE 89 POST-COVID19: SMART DISPLAY MARKET IN EUROPE, 2018–2027 (USD MILLION)

TABLE 90 SMART HOME DISPLAY MARKET IN EUROPE, BY PRODUCT TYPE, 2018–2021 (USD MILLION)

TABLE 91 SMART HOME DISPLAY MARKET IN EUROPE, BY PRODUCT TYPE, 2022–2027 (USD MILLION)

TABLE 92 SMART DISPLAY MIRROR MARKET IN EUROPE, BY TYPE, 2018–2021 (USD MILLION)

TABLE 93 SMART DISPLAY MIRROR MARKET IN EUROPE, BY TYPE, 2022–2027 (USD MILLION)

8.4 APAC

FIGURE 56 SNAPSHOT OF SMART DISPLAY MARKET IN APAC

FIGURE 57 SMART SIGNAGE DISPLAY SEGMENT EXPECTED TO LEAD SMART DISPLAY MARKET IN APAC BY 2027

TABLE 94 SMART DISPLAY MARKET IN APAC, BY TYPE, 2018–2021 (USD MILLION)

TABLE 95 SMART DISPLAY MARKET IN APAC, BY TYPE, 2022–2027 (USD MILLION)

FIGURE 58 IMPACT OF COVID-19 ON APAC

TABLE 96 POST-COVID19: SMART DISPLAY MARKET IN APAC, 2018–2027 (USD MILLION)

TABLE 97 SMART HOME DISPLAY MARKET IN APAC, BY PRODUCT TYPE, 2018–2021 (USD MILLION)

TABLE 98 SMART HOME DISPLAY MARKET IN APAC, BY PRODUCT TYPE, 2022–2027 (USD MILLION)

TABLE 99 SMART DISPLAY MIRROR MARKET IN APAC, BY TYPE, 2018–2021 (USD MILLION)

TABLE 100 SMART DISPLAY MIRROR MARKET IN APAC, BY TYPE, 2022–2027 (USD MILLION)

8.5 ROW

TABLE 101 SMART DISPLAY MARKET IN ROW, BY TYPE, 2018–2021 (USD MILLION)

TABLE 102 SMART DISPLAY MARKET IN ROW, BY TYPE, 2022–2027 (USD MILLION)

FIGURE 59 IMPACT OF COVID-19 ON ROW



TABLE 103 POST-COVID19: SMART DISPLAY MARKET IN ROW, 2018–2027 (USD MILLION)

TABLE 104 SMART HOME DISPLAY MARKET IN ROW, BY PRODUCT TYPE, 2018–2021 (USD MILLION)

TABLE 105 SMART HOME DISPLAY MARKET IN ROW, BY PRODUCT TYPE, 2022–2027 (USD MILLION)

TABLE 106 SMART DISPLAY MIRROR MARKET IN ROW, BY TYPE, 2018–2021 (USD MILLION)

TABLE 107 SMART DISPLAY MIRROR MARKET IN ROW, BY TYPE, 2022–2027 (USD MILLION)

9 COMPETITIVE LANDSCAPE

- 9.1 OVERVIEW
- 9.2 KEY PLAYER STRATEGIES/RIGHT TO WIN
- 9.3 REVENUE ANALYSIS OF TOP 5 COMPANIES

FIGURE 60 REVENUE ANALYSIS (USD BILIION), 2016-2020

9.4 MARKET SHARE ANALYSIS

TABLE 108 SMART DISPLAY MARKET: DEGREE OF COMPETITION (2020)

FIGURE 61 MARKET SHARE ANALYSIS: SMART DISPLAY MARKET, 2020

9.5 MARKET EVALUATION FRAMEWORK

FIGURE 62 MARKET EVALUATION FRAMEWORK

FIGURE 63 SMART DISPLAY MARKET RANKING ANALYSIS

9.6 COMPANY EVALUATION QUADRANT FOR SMART DISPLAY MARKET, 2021

- 9.6.1 STAR
- 9.6.2 EMERGING LEADER
- 9.6.3 PERVASIVE
- 9.6.4 PARTICIPANT

FIGURE 64 SMART DISPLAY MARKET: COMPANY EVALUATION QUADRANT, 2021

- 9.7 STARTUP/SME EVALUATION MATRIX: SMART DISPLAY MARKET, 2021
 - 9.7.1 PROGRESSIVE COMPANIES
 - 9.7.2 RESPONSIVE COMPANIES
 - 9.7.3 DYNAMIC COMPANIES
 - 9.7.4 STARTING BLOCKS

FIGURE 65 SMART DISPLAY MARKET: STARTUP /SME EVALUATION MATRIX, 2021

- 9.8 COMPETITIVE SCENARIO AND TRENDS
 - 9.8.1 NEW PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 109 SMART DISPLAY MARKET: NEW PRODUCT



LAUNCHES/DEVELOPMENTS, 2018–2021

9.8.2 DEALS

TABLE 110 SMART DISPLAY MARKET: DEALS, 2018-2021

10 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, MnM View Right to win,

Strategic choices made, Weaknesses and competitive threats) *

10.1 INTRODUCTION

10.2 KEY PLAYERS

10.2.1 SAMASUNG ELECTRONICS

FIGURE 66 SAMSUNG ELECTRONICS: COMPANY SNAPSHOT

10.2.2 LG ELECTRONICS

FIGURE 67 LG ELECTRONICS: COMPANY SNAPSHOT

10.2.3 NEC

FIGURE 68 NEC CORPORATION: COMPANY SNAPSHOT

10.2.4 SONY

FIGURE 69 SONY: COMPANY SNAPSHOT

10.2.5 PANASONIC CORPORATION

FIGURE 70 PANASONIC: COMPANY SNAPSHOT

10.2.6 AMAZON

FIGURE 71 AMAZON: COMPANY SNAPSHOT

10.2.7 APPLE

FIGURE 72 APPLE: COMPANY SNAPSHOT

10.2.8 FACEBOOK

FIGURE 73 FACEBOOK: COMPANY SNAPSHOT

10.2.9 GENTEX

FIGURE 74 GENTEX: COMPANY SNAPSHOT

10.2.10 MAGNA INTERNATIONAL

FIGURE 75 MAGNA INTERNATIONAL: COMPANY SNAPSHOT

10.3 OTHER KEY PLAYERS

10.3.1 QUALCOMM

10.3.2 INTEL

10.3.3 HONEYWELL

10.3.4 LENOVO

10.3.5 ELECTRIC MIRROR

10.3.6 QISDA

10.3.7 ALPHABET(GOOGLE)

10.3.8 LEYARD OPTOELECTRONIC (PLANAR)



- 10.3.9 ROBERT BOSCH GMBH
- 10.3.10 APLS ALPINE CO., LTD.
- 10.3.11 IBM
- 10.3.12 SMART PARKING
- 10.3.13 OAK LABS
- 10.3.14 DIRROR
- 10.3.15 MYRA MIRRORS
- *Details on Business Overview, Products Offered, Recent Developments, MnM View, Right to win, Strategic choices made, Weaknesses and competitive threats might not be captured in case of unlisted companies.

11 APPENDIX

- 11.1 INSIGHTS OF INDUSTRY EXPERTS
- 11.2 DISCUSSION GUIDE
- 11.3 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL
- 11.4 AVAILABLE CUSTOMIZATION
- 11.5 RELATED REPORTS
- 11.6 AUTHOR DETAILS



I would like to order

Product name: Smart Display Market with COVID-19 Impact Analysis by Smart Home Display (Voice-

controlled, Smart Appliance), Smart Display Mirror, Smart Signage (Retail & Hospitality

Facilities, Sports & Entertainment Venues), Geography - Global Forecast to 2027

Product link: https://marketpublishers.com/r/S5D6D596EF0EN.html

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/S5D6D596EF0EN.html