



IHS TECHNOLOGY

Displays

End-to-end research on the entire display industry, with detailed coverage of the supply chain, materials and components, equipment, touch panels, shipments, pricing, supply, demand, and cost modeling.

Displays



Research Type Description

Research Types

INTELLIGENCE SERVICES

Real-time access to continually updated market data and forecasts, analyst insights, topical research reports, and analyst presentations. Interactive visual charting of data is also available through an online portal (TRAX).

REPORTS

Topical reports addressing key focus areas with in-depth analysis on market and technology trends.

SCORECARDS

Focused analysis and profiles that provide the rankings of leading vendors within specific submarkets, using key business and technology criteria.

MARKET TRACKERS

Regular periodic analysis and forecasts designed to provide timely visibility into relevant market and technology trends.

CUSTOM & CONSULTING

Meaningful analysis and action-oriented recommendations for custom cases and consulting, building on extensive IHS data and recognized industry expertise.



Large Displays

This research offers comprehensive coverage of displays with a diagonal screen measurement of over 9", and includes the complete tracking of display shipments, forecasts, price, costs, and the technology roadmaps of display suppliers.



Large Displays

LARGE AREA DISPLAY PRICE TRACKER

Monthly panel price updates for large area applications, including notebooks, LCD monitors, and LCD TVs. With 6 months of results and 12 months of forecasts, the tracker offers a useful overview of the large area display market. Also provided is detailed coverage of features for large area displays including size, resolution, BLU type, slim type, frame rate, and interface.

[Learn more](#)

LARGE AREA DISPLAY PRODUCTION STRATEGY TRACKER

Quarterly coverage of production plans for panel makers in each fab generation, covering suppliers, display technologies, applications, and sizes. Also included are large area AMOLED production plans aside from those for TFT LCD. Subscribers gain access to historical results as well as forecasts showing detailed production mixes and fab loading for each panel maker.

[Learn more](#)

LARGE AREA DISPLAY MARKET TRACKER

Monthly and quarterly research surveying all large area panel makers, covering the entire range of large area display panels shipped worldwide and regionally. The monthly deliverable provides the previous month's results with a detailed breakdown, while the quarterly offering highlights historical shipments and forecasts of the rolling four quarters for each panel maker.

[Learn more](#)

LARGE AREA DISPLAY PRODUCT ROADMAP TRACKER

Quarterly coverage of the latest technology trends and panel product developments shaping the display industry. Subscribers can stay current on product pipelines from suppliers and competitors alike, with coverage of the latest technologies and emerging trends helping to enable forward planning. Trends are analyzed by application, panel size, and format.

[Learn more](#)



Large Displays

DISPLAYS PRODUCTION AND INVENTORY TRACKER

Monthly coverage on the status of displays fab management, production, shipment, and inventory. Details include design capacity, glass input, and utilization rate by each LCD fab, as well as shipments categorized by application, size, and resolution. Also includes estimated TV and IT panel inventory tracking as well as forecasts for each panel maker.

[Learn more](#)

TV DISPLAY INTELLIGENCE SERVICE

The most comprehensive service for all aspects of displays utilized for TVs. Updated in real time, the service tracks panel shipments, OEM production and forecasts, supply chain matrix, panel prices, feature trends, supply and demand, global market trends, and more. This is “must-have” analysis if your business is involved in the TV industry.

[Learn more](#)

LARGE AREA DISPLAY COST MODEL

Quarterly coverage of panel cost structure, forecasts, and profitability of each mainstream panel for display applications, including LCD TVs, monitors, and notebooks. The simulation-enabled parametric cost model offers users the flexibility to generate different forecasts based on their own data inputs and assumptions. The cost model also enables users to change Parameters such as component costs, panel prices, panel yield, and fab utilization can also be changed to fine-tune costs, reflecting actual panel conditions.

[Learn more](#)



Small & Medium Displays

This research offers comprehensive coverage of displays with a diagonal screen measurement of under 9", and includes the complete tracking of shipments, forecasts, prices, costs, and technology developments for displays utilized in the mobile space.





Small & Medium Displays

SMARTPHONE DISPLAY INTELLIGENCE SERVICE

A comprehensive offering that covers all aspects of displays utilized in smartphones. This service, updated in real time, tracks and forecasts smartphone display shipments, reports display prices, analyzes the supply chain, and furnishes detailed cost breakdowns of selected smartphone display sizes and resolutions, for both LCD and OLED. This is “must-have” analysis if you are a player in the smartphone market.

[Learn more](#)

SMARTPHONE & TABLET DISPLAY COST MODEL

Quarterly research on all smartphone as well as tablet LCD module and cell cost structure, forecasts, and profitability for each mainstream panel. The simulation-enabled parametric cost model offers users the flexibility to generate different forecasts based on their own data inputs and assumptions. Parameters such as component costs, panel prices, panel yield, and fab utilization can also be changed to fine-tune costs, reflecting actual panel conditions.

[Learn more](#)

TABLET & NOTEBOOK DISPLAY INTELLIGENCE SERVICE

A comprehensive service covering all aspects of displays utilized in tablets and notebooks. This offering, updated in real time, tracks panel shipments in detail as well as OEM production and forecasts, the supply chain, panel prices, feature and global market trends, supply and demand, and much more. This is “must-have” analysis for notebook and tablet industry players.

[Learn more](#)

OLED DISPLAY MARKET TRACKER

Quarterly research on OLED displays shipped worldwide and regionally, with the industry’s most insightful look at historical shipments and forecast projections for the OLED display market. Also included are new OLED applications, models, product trend analysis, and OLED panel-maker strategies.

[Learn more](#)



Small & Medium Displays

SMALL MEDIUM DISPLAY MARKET TRACKER

Quarterly tracking of shipment and revenue for all small and medium displays. Also provided are display shipments categorized by application, size, resolution, and display technology, including 4-year quarterly forecasts and additional 3-year annual forecasts.

[Learn more](#)

WEARABLE DISPLAY MARKET & TECHNOLOGY REPORT

Annual research providing comprehensive analysis of the wearable display market and technology developments for this hot space.

[Learn more](#)

SMALL MEDIUM MAKER STRATEGY REPORT

Annual research providing comprehensive analysis of the strategies of small and medium display suppliers, through intelligence such as shipments and forecasts, capacity, and value chain information. Focuses on smartphone and automotive displays.

[Learn more](#)

SMALL MEDIUM DISPLAY SUPPLY CHAIN TRACKER

Quarterly coverage of supply chain relationships between small and medium display suppliers and their set makers. The tracker provides shipments from display suppliers to set makers, segmented by quarter and application. Users can mix and match information on display suppliers, set makers, applications, and display technologies to arrive at analysis borne out of various combinations.

[Learn more](#)

AUTOMOTIVE DISPLAY MARKET TRACKER

Quarterly data and analysis of the global market for automotive displays, categorized by unit, area, value, and average-selling price, with details on applications, technologies, display sizes, and pixel formats. Also provided are key market trends and insights into the automotive supply chain, including Tier 1 display system integrators.

[Learn more](#)



Display Manufacturing & Supply Chain

This research features comprehensive tracking of display supply and demand with detailed coverage of technology developments that impact the display industry. Industry-leading coverage of display supply chain analysis is offered for all major display-enabled applications, tracking volume movements from display suppliers, to OEM/ODMs, to brands.



Display Manufacturing & Supply Chain

DISPLAY DYNAMICS INTELLIGENCE SERVICE

Timely information and analysis covering major issues in the display industry, with over 20 insights provided per month. Quick and speedy analysis is delivered on current hot topics and developments in the LCD and OLED industries, and on display applications such as smartphones, tablets, TVs, monitors, notebooks, public displays, and handheld applications.

[Learn more](#)

DISPLAY SUPPLY DEMAND & EQUIPMENT TRACKER

Quarterly coverage of fab activity, capacity, utilization, supply/demand, capital spending, and financial information, and also includes relevant news for the entire flat-panel display supply chain. Providing coverage of all industry participants and key analytical metrics, this tracker delivers the most current and complete view of both the supply and demand sides of the industry.

[Learn more](#)

DISPLAY DYNAMICS INTELLIGENCE SERVICE - PREMIUM

The premium version of the Display Dynamics Intelligence Service, which offers a more detailed examination of the overall display market. Covering all display applications, the service offers a high-level view of display shipments, inventory, prices, fab utilization, supply chain, OEM/ODM production and shipments, set inventories, and component supply/demand. Additional premium deliverables include a monthly market brief and database, as well as client presentations.

[Learn more](#)

DISPLAY LONG-TERM DEMAND FORECAST TRACKER

Quarterly worldwide shipments and forecasts for all major flat-panel display applications. Viewed as the bible of the flat-panel display industry, this tracker covers all types of display technologies, features, sizes, resolutions, units, prices, revenues, and areas.

Coming soon



Display Manufacturing & Supply Chain

OLED DISPLAY COST MODEL

Quarterly coverage of all OLED panels utilized in smartwatch, smartphone, tablet, and TV applications, categorized by cost structure, forecast, and profitability for each mainstream panel. The simulation-enabled parametric cost model offers users the flexibility to generate different forecasts based on their own data inputs and assumptions. Parameters such as component costs, panel prices, panel yield, and fab utilization can also be changed to fine-tune costs, reflecting actual panel conditions.

[Learn more](#)

MONITOR DISPLAY SUPPLY CHAIN TRACKER

Quarterly coverage of supply chain relationships among panel makers, OEM/ODM subcontract manufacturers, and brands. This tracker provides the most detailed and comprehensive supply chain data for LCD monitors, utilizing actual shipments. Also covers the relationship between suppliers and brands, categorized by panel size and OEM volume.

[Learn more](#)

OLED TECHNOLOGY MARKET TRACKER

Semiannual analysis and in-depth examination of the OLED technology and market, as well as display supplier strategies. Detailed supply and demand issues are covered in addition to supplier analysis pertaining to developing OLED strategies, cost breakdowns, technical roadmaps, manufacturing processes, supply chain, and intellectual property.

Coming soon

FLEXIBLE DISPLAY MARKET TRACKER

Semiannual report on the flexible display market, provided through deep and thoughtful analysis of industry trends, the status of players in the space, and technology issues. Long-term forecasts as well as new emerging applications using flexible displays are covered. Also provided are cogent assessments of components, material, and equipment providers within the flexible display supply chain.

Coming soon



Display Materials & Components

The display industry is heavily dependent on technology innovations derived from materials and components in order to achieve new form factors, weight efficiencies, and advances into new application areas. IHS offers detailed research on key components such as glass, films, driver ICs, and backlights, as well as on the critical materials being used in LCD and OLED manufacturing.



Display Materials & Components

OLED MATERIALS MARKET TRACKER

Quarterly research on OLED materials and demand. Revenue forecasts and critical insights into OLED display makers' supply chain activities enable clients to identify market opportunities and challenges. Also provided is a comprehensive OLED materials technology review categorized by device structure, material type, deposition method, and luminescent mechanism.

[Learn more](#)

DISPLAY DRIVER IC MARKET TRACKER

Quarterly research on shipments, prices, revenues, supply chain dynamics, wafer foundries, new technologies, interfaces, display resolutions, and other variables that influence driver integrated circuits across all applications. The tracker provides detailed quarterly analysis of the TFT LCD driver IC market for all flat-panel display market segments, while also supplying important information on the companies and technologies participating in this space.

[Learn more](#)

WIDE COLOR GAMUT MARKET TRACKER

Semiannual coverage of the wide color gamut market, including quantum dot technology. Also examined are the manufacturing processes of various wide color gamut technologies as well as development trends, market issues, and overall shipments to different applications.

[Learn more](#)

DISPLAY BACKLIGHT MARKET TRACKER

Quarterly coverage of the entire value chain for large-area TFT LCD backlights. The service tracks shipments and analyzes the relationships among backlight suppliers, panel makers, LED makers, and backlight makers. Also provided are new technology developments; industry news; and trends in prices, supply/demand, and cost structures.

[Learn more](#)



Display Materials & Components

DISPLAY GLASS MARKET TRACKER

Quarterly research on capacity, shipments, new glass tank schedules, volumes by location and supplier, glass substrate supplier and panel maker relationships, supply/demand analysis, price, revenues, and new glass substrate product trends. Also included is coverage of supplier capacity, shipments, prices, demand forecasts, touch cover glass, and much more.

[Learn more](#)

AMOLED ENCAPSULATION MATERIALS REPORT

Annual research on different encapsulation materials utilized in AMOLED displays.

Coming Soon

AMOLED DEVICE STRUCTURE REPORT

Annual research on developments in AMOLED display devices produced by Samsung Display and LG Display. Also covered in detail is the supply chain for device materials as well as applications, development status, and M.P. planning.

[Learn more](#)

DISPLAY OPTICAL FILM MARKET TRACKER

Quarterly coverage of polarizer and backlight-related film for TFT LCDs shipments, market share, capacity changes, value chain relationships, prices, supply/demand, revenue, technology developments, and cost-reduction efforts. Also included are demand and revenue forecasts, market share analysis, and price and cost analysis.

[Learn more](#)

DISPLAY CHEMICAL MATERIALS REPORT

Annual research on the top 7 chemical materials used in LCD manufacturing. The key materials include photoresist, etchant, stripper, and developer, which are deployed in manufacturing both TFT arrays and color filters. The remaining three are RGB resist, resin BM, and photo spacer, utilized in making color filters. The report offers analysis of global demand trends categorized by region, major panel maker, and production line.

[Learn more](#)



Touch & Interface

From smartphones, to tablets, to notebooks, we live in a touch-enabled world. IHS offers comprehensive coverage of touch panel and interface technologies, sensor structures, applications, module areas, cost models, and market forecasts.





Touch & Interface

TOUCH PANEL MARKET TRACKER

Quarterly comprehensive analysis of touch panel technologies, sensor structures, applications, module area, cost models, and market forecasts. IHS surveys and profiles more than 100 makers of touch panel modules (including add-on types and embedded types from panel makers) to produce this tracker. Shipments and revenues of over 100 touch panel makers are included.

[Learn more](#)

TOUCH SENSOR TECHNOLOGY & MARKET REPORT

Annual survey results of touch sensor production, a 3-year sensor market forecast, information on sensor structure evolution, and trends in new ITO replacement materials. Also included are critical insights into competitive strategies, capacity, and investment, along with historical trends and demand forecasts by touch sensor structure.

[Learn more](#)

AUTOMOTIVE TOUCH PANEL MARKET REPORT

Annual comprehensive analysis of the technologies and trends that influence the adoption of touch panels in automobile designs worldwide. The report also includes a special analysis of the Japanese market, all aspects of current touch technologies, plus those being considered for future automotive applications. Also included is market historical and forecast analysis categorized by technology, sensor type, size, maker, and ASP.

[Learn more](#)

TOUCH PANEL COVER GLASS REPORT

Annual research on cover lens shipments for consumer applications, a 5-year forecast, and the results of cover lens material demand simulations. The report also reviews topics related to the cover lens industry, including sapphire glass, plastics, and surface-coating technologies. Thirty cost models with analysis are included, enabling subscribers to see key elements with an impact on the total cost of cover lenses common to the industry.

[Learn more](#)



Touch & Interface

TOUCH PANEL OCA/OCR TECHNOLOGY & MARKET REPORT

Annual research on Optically Clear Resin (OCA) and Optically Clear Adhesives (OCA) for the touch panel market. Key coverage highlights include air gap vs. direct bonding, layer structure analysis of touch panels, and market forecasts and technology issues of the OCA and OCR industry.

[Learn more](#)

SMARTPHONE & TOUCH ECOSYSTEM REPORT - CHINA

Annual research on shipments from the top 10 Chinese smartphone brands, along with touch panel supply chain information categorized by brand, module maker share, sensor (layer) structure, and vertical integration. The report also analyzes the critical issues faced by the Chinese smartphone and touch panel industry.

[Learn more](#)

GESTURE SENSING CONTROL FOR SMART DEVICES REPORT

Annual analysis of the latest gesture sensing control technologies and platforms, including technical specifications and details. IHS examines almost all of the currently available gesture sensing technologies in this report. Some are cost effective, and others are capable of depth sensing and machine vision.

[Learn more](#)

TOUCH USER INTERFACE REPORT

Annual report on the latest touch-related technical trends, along with market forecasts and critical analysis. This report emphasizes touch controller ICs; growing and critical technical features that will be influential with future competition; features; and the supply chain.

[Learn more](#)



Contact Us

FOR MORE INFORMATION

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ABOUT IHS (WWW.IHS.COM)

IHS (NYSE: IHS) is the leading source of insight, analytics and expertise in critical areas that shape today's business landscape. Businesses and governments in more than 150 countries around the globe rely on the comprehensive content, expert independent analysis and flexible delivery methods of IHS to make high-impact decisions and develop strategies with speed and confidence. IHS has been in business since 1959 and became a publicly traded company on the New York Stock Exchange in 2005. Headquartered in Englewood, Colorado, USA, IHS is committed to sustainable, profitable growth and employs about 8,800 people in 32 countries around the world.

