

Screenless Display Market Size, Share & Trends Analysis Report By Technology (Visual Image, Retinal Display, Synaptic Interface), By Application (Augmented Reality, Virtual Reality), By End-use, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Screenless Display Market Growth & Trends

The global screenless display market size is estimated to reach USD 24.23 billion by 2030, registering growth at a CAGR of 30.6% from 2025 to 2030 according to a new report by Grand View Research, Inc. These devices came into progress during the year 2013 with the arrival of products such as virtual reality headsets, holographic videos, mobile phones for the elderly, retinal displays, bionic contact lenses, etc.

Proliferation of external monitors, reading devices and mobile phones with large screens serve as key enablers for the industry. As screenless display cost associated with procurement and deployment of the technology reduces, its application will witness exponential growth across industry verticals. Companies are investing in research and development to innovate products such as screenless computers, tablets, televisions and mobile phones.

Screenless displays offer an interactive projection technology developed to solve the issues related to device miniaturization of modern communication technologies. The lack of space in screen-based devices provides an opportunity for screenless display industry growth and development. High system cost may act as a growth restraint.

Screenless Display Market Report Highlights

The visual image segment dominated the screenless display industry with the largest revenue share in 2024 due to its established technology and broad applicability.

The consumer electronics segment dominated the screenless display industry with the largest revenue share in 2024.

The automotive segment dominated the screenless display industry with the largest revenue share in 2024.

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