

The U.S. Market for Home Automation and Security Technologies

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Abstracts

Report Scope

The study covers the major segments of the home automation market, including -

Lighting controls.

Heating, ventilation and air conditioning (HVAC) controls.

Energy management controls.

Entertainment controls.

Security controls.

Integrated (i.e., multifunction) controls.

The study addresses the major enabling technologies for the various types of home automation products, such as -

Controllers.

User interface devices.

Sensors.

Actuators and output devices (e.g., dimmers, automated window coverings, dampers).

Wiring and networking devices.

The study format includes the following major elements -

Executive summary.

Definitions.

Home automation functions.

Enabling technologies.

Market environment (e.g., economic conditions, consumer attitudes).

Current (2020) and projected markets for home automation technologies and products through 2026.

Developers and suppliers of home automation products.

Key patents.

The report focuses on the U.S. market.

Report Includes

24 tables

An overview of the U.S. market for home automation and security technologies

Estimation of the market size and analyses of market trends, with data from 2020, estimates for 2021, 2023 and projection of CAGR through 2026

Evaluation of market size and forecast, and detailed analysis of drivers, challenges, and opportunities affecting market growth

Explanation of home automation functions and enabling technologies for home automation, and description of controllers along with comparison between hardware-based controllers and software-based controllers

Description of small stand-alone devices and complex smart home networks, and discussion on their ability to tie numerous electric devices located around the house to a programmable computer brain

Details about devices and technologies of automated energy management systems and information on wireless technologies such as ZigBee, Z-Wave, Wi-Fi and INSTEON

Market share analysis of the key companies of the industry and comprehensive company profiles of major players including Powerline Control Systems Inc., Echelon Corp., General Electric Co., Microsoft Corp., and Honeywell International Inc.

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FUTRONIX CO., LTD.
LEVITON MANUFACTURING CO., INC.
LUTRON ELECTRONICS CO., INC.
MECHOSHADE SYSTEMS INC.
POWERLINE CONTROL SYSTEMS INC.
RESEARCH FRONTIERS INC.
SAGE ELECTROCHROMICS INC.
SAVANT SYSTEMS LLC
SCHNEIDER ELECTRIC/SQUARE D CO.
SOLAR SHADING SYSTEMS
SOMFY SYSTEMS INC.
VANTAGE CONTROLS INC.
WATTSTOPPER
Energy Management
COMVERGE INC.
COOPER INDUSTRIES INC.
ECOBEE
ECHELON CORP.
ELSTER LLC
EMETER CORP.
ENERGATE INC.
ENERGENO LTD.
ENERGYICT INC.
GAINSPAN CORP.
GENERAL ELECTRIC CO.

GOOGLE.ORG
GREEN ENERGY OPTIONS LTD.
GRID NET INC.
ITRON INC.
LANDIS+GYR, AG
MMB NETWORKS
RADIO THERMOSTAT COMPANY OF AMERICA
RENTBITS
SENSUS METERING SYSTEMS
SEQUENTRIC ENERGY SYSTEMS LLC
SILICON LABS
TENDRIL NETWORKS INC.
TRILLIANT NETWORKS
Home Entertainment Automation Systems
AMX LLC
CONTROL4 CORP.
CRESTRON ELECTRONICS INC.
ELAN HOME SYSTEMS LLC
EMBEDDED AUTOMATION INC.
LOGITECH INTERNATIONAL S.A.
MICROSOFT CORP.
NUVO TECHNOLOGIES INC.
REMOTE TECHNOLOGIES INC.
ROYAL PHILIPS ELECTRONICS, NV
RUSSOUND
SONOS INC.
UNIVERSAL REMOTE CONTROL
XANTECH LLC
HVAC Automation Systems
AUTOMATED ENVIRONMENTAL SYSTEMS LLC
EWC CONTROLS INC.
HONEYWELL INTERNATIONAL INC.
RES AUTOMATICA LTD.
RESEARCH PRODUCTS CORP.
RESIDENTIAL CONTROL SYSTEMS
SUNCOURT INC.
TRANE INC.
WATTMASTER CONTROLS INC.
WHITE-ROGERS CO.

ZONEX SYSTEMS INC.

Home Security Systems

BOSCH SECURITY SYSTEMS INC.

DIGITAL SECURITY CONTROLS

LINEAR LLC

MACE SECURITY INTERNATIONAL INC.

OPTEX INC.

VISIONIC GROUP

Integrated Home Automation

EXCEPTIONAL INNOVATION

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