Artificial Sensing Systems: Global Markets to 2023

Abstracts

REPORT SCOPE

The report sizes the market by technology, including sensors within the vision, touch, hearing and movement segments. The top seven application areas are sized, forecast and discussed in depth. These include agriculture, appliances, automotive, healthcare, industrial, logistics and military. In addition, the overall market and each application area is assessed on a worldwide and regional basis, including North America, Latin America, Europe, the Middle East and Africa and Asia-Pacific.

Finally, the report presents an analysis of the competitive dynamics of the artificial sensing market, including critical success factors such as research and development capability, installed base, branding and ecosystem influence and partnerships. The report provides profiles of the top 30 manufacturers of artificial sensing.

REPORT INCLUDES:

26 tables

An overview of the global market for artificial sensing systems within the industry

Analyses of global market trends with data from 2017, estimates for 2018, and projections of compound annual growth rates (CAGRs) through 2023

Explanations of market dynamics for artificial sensing-related technology, along with its growth driving factors and inhibitors, and applications of sensing technology and products as they apply to different medical, business, and governmental sectors

Segmentation of the global market data by technology type, application sector, end use industry and geographical region

Assessments of intellectual property related to the various artificial sensing categories, including technology development over time, and pending technological innovations and inventions

Profiles of leading manufacturers of artificial sensing including Autoliv Inc., Keyence Corp, National Instruments, Omron Corp., and Siemens Milltronics Process Instrument Inc.

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ALPHA MOS
AUTOLIV INC.
BALLUFF GMBH
BANNER ENGINEERING CORP.
BLATEK INC.
C2SENSE
CANATU OY
CMOSIS BVBA
COGNEX CORP.
CYBEROPTICS CORP.
DARPA
E2V TECHNOLOGIES PLC
ELECTRONIC SENSOR TECHNOLOGY
ENOSE CO.
GELSIGHT INC.
INTELLIGENT SENSOR TECHNOLOGY INC.
KEYENCE CORP.
MAGNA INTERNATIONAL INC.
MASSA PRODUCTS CORP.

MICRON PRODUCTS INC.
NATIONAL INSTRUMENTS
OCCIPITAL INC.
OCEAN OPTICS INC.
ODOTECH
OMNIVISION TECHNOLOGIES INC.
OMRON CORP.
OSSUR
PCB PIEZOTRONICS INC.
PEPPERL+FUCHS
PRESSURE PROFILE SYSTEMS INC.
QUALTRE INC.
ROBOSCIENTIFIC
SENSOR TECHNOLOGY LTD.
SIEMENS MILLTRONICS PROCESS INSTRUMENT INC.
STRATUSCENT
SYNTOUCH INC.
TACTUAL LABS CO.
VAPORSENS
YASKAWA MOTOMAN

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COMPANIES MENTIONED

ALPHA MOS
AUTOLIV INC.
BALLUFF GMBH
BANNER ENGINEERING CORP.
BLATEK INC.
C2SENSE
CANATU OY

CMOSIS BVBA

COGNEX CORP.

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