

2015-2027 Global Automotive Lane Warning Systems Industry Market Research Report, Segment by Player, Type, Application, Marketing Channel, and Region

<https://marketpublishers.com/r/22E3AEE23ECBEN.html>

Date: April 2020

Pages: 137

Price: US\$ 3,460.00 (Single User License)

ID: 22E3AEE23ECBEN

Abstracts

The worldwide market for Automotive Lane Warning Systems is estimated to grow at a CAGR of roughly X.X% in the next 8 years, and will reach X.X million US\$ in 2027, from X.X million US\$ in 2020.

The report covers market size status and forecast, value chain analysis, market segmentation of Top countries in Major Regions, such as North America, Europe, Asia-Pacific, Latin America and Middle East & Africa, by type, application and marketing channel. In addition, the report focuses on the driving factors, restraints, opportunities and PEST analysis of major regions.

Major Companies Covered

Nissan

Fujitsu

Mobileye

ZF TRW

Continental

Bendix

Volkswagen

Robert Bosch

Delphi

Hitachi

Major Types Covered

Lane Departure Warning

Lane Keeping System
Other

Major Applications Covered
Passenger Cars
Light Commercial Vehicles
Heavy Commercial Vehicles

Top Countries Data Covered in This Report

United States

Canada

Germany

UK

France

Italy

Spain

Russia

Netherlands

Turkey

Switzerland

Sweden

Poland

Belgium

China

Japan

South Korea

Australia

India

Taiwan

Indonesia

Thailand

Philippines

Malaysia

Brazil

Mexico

Argentina

Columbia

Chile

Saudi Arabia

UAE
Egypt
Nigeria
South Africa

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2027

Contents

1 INTRODUCTION

1.1 Objective of the Study

1.2 Definition of the Market

1.3 Market Scope

1.3.1 Market Segment by Type, Application and Marketing Channel

1.3.2 Major Regions Covered (North America, Europe, Asia Pacific, Mid East & Africa)

1.4 Years Considered for the Study (2015-2027)

1.5 Currency Considered (U.S. Dollar)

1.6 Stakeholders

2 KEY FINDINGS OF THE STUDY

3 MARKET DYNAMICS

3.1 Driving Factors for this Market

3.2 Factors Challenging the Market

3.3 Opportunities of the Global Automotive Lane Warning Systems Market (Regions, Growing/Emerging Downstream Market Analysis)

3.4 Technological and Market Developments in the Automotive Lane Warning Systems Market

3.5 Industry News by Region

3.6 Regulatory Scenario by Region/Country

3.7 Market Investment Scenario Strategic Recommendations Analysis

4 VALUE CHAIN OF THE AUTOMOTIVE LANE WARNING SYSTEMS MARKET

4.1 Value Chain Status

4.2 Upstream Raw Material Analysis

4.3 Midstream Major Company Analysis (by Manufacturing Base, by Product Type)

4.4 Distributors/Traders

4.5 Downstream Major Customer Analysis (by Region)

5 GLOBAL AUTOMOTIVE LANE WARNING SYSTEMS MARKET-SEGMENTATION BY TYPE

5.1 Lane Departure Warning

5.2 Lane Keeping System

5.3 Other

6 GLOBAL AUTOMOTIVE LANE WARNING SYSTEMS MARKET-SEGMENTATION BY APPLICATION

6.1 Passenger Cars

6.2 Light Commercial Vehicles

6.3 Heavy Commercial Vehicles

7 GLOBAL AUTOMOTIVE LANE WARNING SYSTEMS MARKET-SEGMENTATION BY MARKETING CHANNEL

7.1 Traditional Marketing Channel (Offline)

7.2 Online Channel

8 COMPETITIVE INTELLIGENCE – COMPANY PROFILES

8.1 Nissan

8.1.1 Nissan Profile

8.1.2 Nissan Sales, Growth Rate and Global Market Share from 2015-2020

8.1.3 Nissan Product/Solution Launches and Enhancements Analysis

8.1.4 Nissan Business Overview/Recent Development/Acquisitions

8.2 Fujitsu

8.2.1 Fujitsu Profile

8.2.2 Fujitsu Sales, Growth Rate and Global Market Share from 2015-2020

8.2.3 Fujitsu Product/Solution Launches and Enhancements Analysis

8.2.4 Fujitsu Business Overview/Recent Development/Acquisitions

8.3 Mobileye

8.3.1 Mobileye Profile

8.3.2 Mobileye Sales, Growth Rate and Global Market Share from 2015-2020

8.3.3 Mobileye Product/Solution Launches and Enhancements Analysis

8.3.4 Mobileye Business Overview/Recent Development/Acquisitions

8.4 ZF TRW

8.4.1 ZF TRW Profile

8.4.2 ZF TRW Sales, Growth Rate and Global Market Share from 2015-2020

8.4.3 ZF TRW Product/Solution Launches and Enhancements Analysis

8.4.4 ZF TRW Business Overview/Recent Development/Acquisitions

8.5 Continental

8.5.1 Continental Profile

8.5.2 Continental Sales, Growth Rate and Global Market Share from 2015-2020

8.5.3 Continental Product/Solution Launches and Enhancements Analysis

8.5.4 Continental Business Overview/Recent Development/Acquisitions

8.6 Bendix

8.6.1 Bendix Profile

8.6.2 Bendix Sales, Growth Rate and Global Market Share from 2015-2020

8.6.3 Bendix Product/Solution Launches and Enhancements Analysis

8.6.4 Bendix Business Overview/Recent Development/Acquisitions

8.7 Volkswagen

8.7.1 Volkswagen Profile

8.7.2 Volkswagen Sales, Growth Rate and Global Market Share from 2015-2020

8.7.3 Volkswagen Product/Solution Launches and Enhancements Analysis

8.7.4 Volkswagen Business Overview/Recent Development/Acquisitions

8.8 Robert Bosch

8.8.1 Robert Bosch Profile

8.8.2 Robert Bosch Sales, Growth Rate and Global Market Share from 2015-2020

8.8.3 Robert Bosch Product/Solution Launches and Enhancements Analysis

8.8.4 Robert Bosch Business Overview/Recent Development/Acquisitions

8.9 Delphi

8.9.1 Delphi Profile

8.9.2 Delphi Sales, Growth Rate and Global Market Share from 2015-2020

8.9.3 Delphi Product/Solution Launches and Enhancements Analysis

8.9.4 Delphi Business Overview/Recent Development/Acquisitions

8.10 Hitachi

8.10.1 Hitachi Profile

8.10.2 Hitachi Sales, Growth Rate and Global Market Share from 2015-2020

8.10.3 Hitachi Product/Solution Launches and Enhancements Analysis

8.10.4 Hitachi Business Overview/Recent Development/Acquisitions

9 GLOBAL AUTOMOTIVE LANE WARNING SYSTEMS MARKET-SEGMENTATION BY GEOGRAPHY

10 NORTH AMERICA

10.1 North America Automotive Lane Warning Systems Production, Ex-factory Price, Revenue, Gross Margin (%) and Gross Analysis from 2015-2020

10.2 North America Automotive Lane Warning Systems Consumption, Terminal Price, Consumption Value and Channel Margin Analysis from 2015-2020

10.3 North America Automotive Lane Warning Systems Production Analysis from 2015-2020

10.4 North America Automotive Lane Warning Systems Consumption Analysis from 2015-2020

10.5 North America Automotive Lane Warning Systems Import and Export from 2015-2020

10.6 North America Automotive Lane Warning Systems Value, Production and Market Share by Type (2015-2020)

10.7 North America Automotive Lane Warning Systems Consumption, Value and Market Share by Application (2015-2020)

10.8 North America Automotive Lane Warning Systems by Country (United States, Canada)

10.8.1 North America Automotive Lane Warning Systems Sales by Country (2015-2020)

10.8.2 North America Automotive Lane Warning Systems Consumption Value by Country (2015-2020)

10.9 North America Automotive Lane Warning Systems Market PEST Analysis

11 EUROPE

11.1 Europe Automotive Lane Warning Systems Production, Ex-factory Price, Revenue, Gross Margin (%) and Gross Analysis from 2015-2020

11.2 Europe Automotive Lane Warning Systems Consumption, Terminal Price, Consumption Value and Channel Margin Analysis from 2015-2020

11.3 Europe Automotive Lane Warning Systems Production Analysis from 2015-2020

11.4 Europe Automotive Lane Warning Systems Consumption Analysis from 2015-2020

11.5 Europe Automotive Lane Warning Systems Import and Export from 2015-2020

11.6 Europe Automotive Lane Warning Systems Value, Production and Market Share by Type (2015-2020)

11.7 Europe Automotive Lane Warning Systems Consumption, Value and Market Share by Application (2015-2020)

11.8 Europe Automotive Lane Warning Systems by Country (Germany, UK, France, Italy, Spain, Russia, Netherlands, Turkey, Switzerland, Sweden, Poland, Belgium)

11.8.1 Europe Automotive Lane Warning Systems Sales by Country (2015-2020)

11.8.2 Europe Automotive Lane Warning Systems Consumption Value by Country (2015-2020)

11.9 Europe Automotive Lane Warning Systems Market PEST Analysis

12 ASIA-PACIFIC

- 12.1 Asia-Pacific Automotive Lane Warning Systems Production, Ex-factory Price, Revenue, Gross Margin (%) and Gross Analysis from 2015-2020
- 12.2 Asia-Pacific Automotive Lane Warning Systems Consumption, Terminal Price, Consumption Value and Channel Margin Analysis from 2015-2020
- 12.3 Asia-Pacific Automotive Lane Warning Systems Production Analysis from 2015-2020
- 12.4 Asia-Pacific Automotive Lane Warning Systems Consumption Analysis from 2015-2020
- 12.5 Asia-Pacific Automotive Lane Warning Systems Import and Export from 2015-2020
- 12.6 Asia-Pacific Automotive Lane Warning Systems Value, Production and Market Share by Type (2015-2020)
- 12.7 Asia-Pacific Automotive Lane Warning Systems Consumption, Value and Market Share by Application (2015-2020)
- 12.8 Asia-Pacific Automotive Lane Warning Systems by Country (China, Japan, South Korea, Australia, India, Taiwan, Indonesia, Thailand, Philippines, Malaysia)
 - 12.8.1 Asia-Pacific Automotive Lane Warning Systems Sales by Country (2015-2020)
 - 12.8.2 Asia-Pacific Automotive Lane Warning Systems Consumption Value by Country (2015-2020)
- 12.9 Asia-Pacific Automotive Lane Warning Systems Market PEST Analysis

13 LATIN AMERICA

- 13.1 Latin America Automotive Lane Warning Systems Production, Ex-factory Price, Revenue, Gross Margin (%) and Gross Analysis from 2015-2020
- 13.2 Latin America Automotive Lane Warning Systems Consumption, Terminal Price, Consumption Value and Channel Margin Analysis from 2015-2020
- 13.3 Latin America Automotive Lane Warning Systems Production Analysis from 2015-2020
- 13.4 Latin America Automotive Lane Warning Systems Consumption Analysis from 2015-2020
- 13.5 Latin America Automotive Lane Warning Systems Import and Export from 2015-2020
- 13.6 Latin America Automotive Lane Warning Systems Value, Production and Market Share by Type (2015-2020)
- 13.7 Latin America Automotive Lane Warning Systems Consumption, Value and Market Share by Application (2015-2020)
- 13.8 Latin America Automotive Lane Warning Systems by Country (Brazil, Mexico, Argentina, Columbia, Chile)

13.8.1 Latin America Automotive Lane Warning Systems Sales by Country (2015-2020)

13.8.2 Latin America Automotive Lane Warning Systems Consumption Value by Country (2015-2020)

13.9 Latin America Automotive Lane Warning Systems Market PEST Analysis

14 MIDDLE EAST & AFRICA

14.1 Middle East & Africa Automotive Lane Warning Systems Production, Ex-factory Price, Revenue, Gross Margin (%) and Gross Analysis from 2015-2020

14.2 Middle East & Africa Automotive Lane Warning Systems Consumption, Terminal Price, Consumption Value and Channel Margin Analysis from 2015-2020

14.3 Middle East & Africa Automotive Lane Warning Systems Production Analysis from 2015-2020

14.4 Middle East & Africa Automotive Lane Warning Systems Consumption Analysis from 2015-2020

14.5 Middle East & Africa Automotive Lane Warning Systems Import and Export from 2015-2020

14.6 Middle East & Africa Automotive Lane Warning Systems Value, Production and Market Share by Type (2015-2020)

14.7 Middle East & Africa Automotive Lane Warning Systems Consumption, Value and Market Share by Application (2015-2020)

14.8 Middle East & Africa Automotive Lane Warning Systems by Country (Saudi Arabia, UAE, Egypt, Nigeria, South Africa)

14.8.1 Middle East & Africa Automotive Lane Warning Systems Sales by Country (2015-2020)

14.8.2 Middle East & Africa Automotive Lane Warning Systems Consumption Value by Country (2015-2020)

14.9 Middle East & Africa Automotive Lane Warning Systems Market PEST Analysis

15 FUTURE FORECAST OF THE GLOBAL AUTOMOTIVE LANE WARNING SYSTEMS MARKET FROM 2020-2027

15.1 Future Forecast of the Global Automotive Lane Warning Systems Market from 2020-2027 Segment by Region

15.2 Global Automotive Lane Warning Systems Production and Growth Rate Forecast by Type (2020-2027)

15.3 Global Automotive Lane Warning Systems Consumption and Growth Rate Forecast by Application (2020-2027)

16 APPENDIX

16.1 Methodology

16.2 Research Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Global Automotive Lane Warning Systems Market Value (\$) and Growth Rate of Automotive Lane Warning Systems from 2015-2027

Global Automotive Lane Warning Systems Production and Growth Rate Segment by Product Type from 2015-2027

Global Automotive Lane Warning Systems Consumption and Growth Rate Segment by Application from 2015-2027

Figure Automotive Lane Warning Systems Picture

Table Product Specifications of Automotive Lane Warning Systems

Table Driving Factors for this Market

Table Industry News of Automotive Lane Warning Systems Market

Figure Value Chain Status of Automotive Lane Warning Systems

Table Midstream Major Company Analysis (by Manufacturing Base, by Product Type)

Table Distributors/Traders

Table Downstream Major Customer Analysis (by Region, by Preference)

Table Global Automotive Lane Warning Systems Production and Growth Rate Segment by Product Type from 2015-2020

Table Global Automotive Lane Warning Systems Value (\$) and Growth Rate Segment by Product Type from 2015-2020

Figure Lane Departure Warning of Automotive Lane Warning Systems

Figure Lane Keeping System of Automotive Lane Warning Systems

Figure Other of Automotive Lane Warning Systems

Table Global Automotive Lane Warning Systems Consumption and Growth Rate Segment by Application from 2015-2020

Table Global Automotive Lane Warning Systems Value (\$) and Growth Rate Segment by Application from 2015-2020

Figure Passenger Cars of Automotive Lane Warning Systems

Figure Light Commercial Vehicles of Automotive Lane Warning Systems

Figure Heavy Commercial Vehicles of Automotive Lane Warning Systems

Table Global Automotive Lane Warning Systems Consumption and Growth Rate Segment by Marketing Channel from 2015-2020

Table Global Automotive Lane Warning Systems Value (\$) and Growth Rate Segment by Marketing Channel from 2015-2020

Figure Traditional Marketing Channel (Offline) of Automotive Lane Warning Systems

Figure Online Channel of Automotive Lane Warning Systems

Table Nissan Profile (Company Name, Plants Distribution, Sales Region)

Figure Nissan Sales and Growth Rate from 2015-2020

Figure Nissan Revenue (\$) and Global Market Share from 2015-2020

Table Nissan Automotive Lane Warning Systems Sales, Price, Revenue, Gross Margin (2015-2020)

Table Fujitsu Profile (Company Name, Plants Distribution, Sales Region)

Figure Fujitsu Sales and Growth Rate from 2015-2020

Figure Fujitsu Revenue (\$) and Global Market Share from 2015-2020

Table Fujitsu Automotive Lane Warning Systems Sales, Price, Revenue, Gross Margin (2015-2020)

Table Mobileye Profile (Company Name, Plants Distribution, Sales Region)

Figure Mobileye Sales and Growth Rate from 2015-2020

Figure Mobileye Revenue (\$) and Global Market Share from 2015-2020

Table Mobileye Automotive Lane Warning Systems Sales, Price, Revenue, Gross Margin (2015-2020)

Table ZF TRW Profile (Company Name, Plants Distribution, Sales Region)

Figure ZF TRW Sales and Growth Rate from 2015-2020

Figure ZF TRW Revenue (\$) and Global Market Share from 2015-2020

Table ZF TRW Automotive Lane Warning Systems Sales, Price, Revenue, Gross Margin (2015-2020)

Table Continental Profile (Company Name, Plants Distribution, Sales Region)

Figure Continental Sales and Growth Rate from 2015-2020

Figure Continental Revenue (\$) and Global Market Share from 2015-2020

Table Continental Automotive Lane Warning Systems Sales, Price, Revenue, Gross Margin (2015-2020)

Table Bendix Profile (Company Name, Plants Distribution, Sales Region)

Figure Bendix Sales and Growth Rate from 2015-2020

Figure Bendix Revenue (\$) and Global Market Share from 2015-2020

Table Bendix Automotive Lane Warning Systems Sales, Price, Revenue, Gross Margin (2015-2020)

Table Volkswagen Profile (Company Name, Plants Distribution, Sales Region)

Figure Volkswagen Sales and Growth Rate from 2015-2020

Figure Volkswagen Revenue (\$) and Global Market Share from 2015-2020

Table Volkswagen Automotive Lane Warning Systems Sales, Price, Revenue, Gross Margin (2015-2020)

Table Robert Bosch Profile (Company Name, Plants Distribution, Sales Region)

Figure Robert Bosch Sales and Growth Rate from 2015-2020

Figure Robert Bosch Revenue (\$) and Global Market Share from 2015-2020

Table Robert Bosch Automotive Lane Warning Systems Sales, Price, Revenue, Gross Margin (2015-2020)

Table Delphi Profile (Company Name, Plants Distribution, Sales Region)

Figure Delphi Sales and Growth Rate from 2015-2020

Figure Delphi Revenue (\$) and Global Market Share from 2015-2020

Table Delphi Automotive Lane Warning Systems Sales, Price, Revenue, Gross Margin (2015-2020)

Table Hitachi Profile (Company Name, Plants Distribution, Sales Region)

Figure Hitachi Sales and Growth Rate from 2015-2020

Figure Hitachi Revenue (\$) and Global Market Share from 2015-2020

Table Hitachi Automotive Lane Warning Systems Sales, Price, Revenue, Gross Margin (2015-2020)

Table Global Automotive Lane Warning Systems Production Value (\$) by Region from 2015-2020

Table Global Automotive Lane Warning Systems Production Value Share by Region from 2015-2020

Table Global Automotive Lane Warning Systems Production by Region from 2015-2020

Table Global Automotive Lane Warning Systems Consumption Value (\$) by Region from 2015-2020

Table Global Automotive Lane Warning Systems Consumption by Region from 2015-2020

Table North America Automotive Lane Warning Systems Production, Ex-factory Price Revenue (\$), Gross Margin (%) and Gross (\$) Analysis from 2015-2020

Table North America Automotive Lane Warning Systems Consumption, Terminal Price, Consumption Value (\$) and Channel Margin Analysis from 2015-2020

Table North America Automotive Lane Warning Systems Import and Export from 2015-2020

Table North America Automotive Lane Warning Systems Value (\$) by Type (2015-2020)

Table North America Automotive Lane Warning Systems Production by Type (2015-2020)

Table North America Automotive Lane Warning Systems Consumption by Application (2015-2020)

Table North America Automotive Lane Warning Systems Consumption by Country (2015-2020)

Table North America Automotive Lane Warning Systems Consumption Value (\$) by Country (2015-2020)

Figure North America Automotive Lane Warning Systems Market PEST Analysis

Table Europe Automotive Lane Warning Systems Production, Ex-factory Price Revenue (\$), Gross Margin (%) and Gross (\$) Analysis from 2015-2020

Table Europe Automotive Lane Warning Systems Consumption, Terminal Price, Consumption Value (\$) and Channel Margin Analysis from 2015-2020

Table Europe Automotive Lane Warning Systems Import and Export from 2015-2020

Table Europe Automotive Lane Warning Systems Value (\$) by Type (2015-2020)

Table Europe Automotive Lane Warning Systems Production by Type (2015-2020)

Table Europe Automotive Lane Warning Systems Consumption by Application
(2015-2020)

Table Europe Automotive Lane Warning Systems Consumption by Country (2015-2020)

Table Europe Automotive Lane Warning Systems Consumption Value (\$) by Country
(2015-2020)

Figure Europe Automotive Lane Warning Systems Market PEST Analysis

Table Asia-Pacific Automotive Lane Warning Systems Production, Ex-factory Price
Revenue (\$), Gross Margin (%) and Gross (\$) Analysis from 2015-2020

Table Asia-Pacific Automotive Lane Warning Systems Consumption, Terminal Price,
Consumption Value (\$) and Channel Margin Analysis from 2015-2020

Table Asia-Pacific Automotive Lane Warning Systems Import and Export from
2015-2020

Table Asia-Pacific Automotive Lane Warning Systems Value (\$) by Type (2015-2020)

Table Asia-Pacific Automotive Lane Warning Systems Production by Type (2015-2020)

Table Asia-Pacific Automotive Lane Warning Systems Consumption by Application
(2015-2020)

Table Asia-Pacific Automotive Lane Warning Systems Consumption by Country
(2015-2020)

Table Asia-Pacific Automotive Lane Warning Systems Consumption Value (\$) by
Country (2015-2020)

Figure Asia-Pacific Automotive Lane Warning Systems Market PEST Analysis

Table Latin America Automotive Lane Warning Systems Production, Ex-factory Price
Revenue (\$), Gross Margin (%) and Gross (\$) Analysis from 2015-2020

Table Latin America Automotive Lane Warning Systems Consumption, Terminal Price,
Consumption Value (\$) and Channel Margin Analysis from 2015-2020

Table Latin America Automotive Lane Warning Systems Import and Export from
2015-2020

Table Latin America Automotive Lane Warning Systems Value (\$) by Type (2015-2020)

Table Latin America Automotive Lane Warning Systems Production by Type
(2015-2020)

Table Latin America Automotive Lane Warning Systems Consumption by Application
(2015-2020)

Table Latin America Automotive Lane Warning Systems Consumption by Country
(2015-2020)

Table Latin America Automotive Lane Warning Systems Consumption Value (\$) by
Country (2015-2020)

Figure Latin America Automotive Lane Warning Systems Market PEST Analysis
Table Middle East & Africa Automotive Lane Warning Systems Production, Ex-factory Price Revenue (\$), Gross Margin (%) and Gross (\$) Analysis from 2015-2020
Table Middle East & Africa Automotive Lane Warning Systems Consumption, Terminal Price, Consumption Value (\$) and Channel Margin Analysis from 2015-2020
Table Middle East & Africa Automotive Lane Warning Systems Import and Export from 2015-2020
Table Middle East & Africa Automotive Lane Warning Systems Value (\$) by Type (2015-2020)
Table Middle East & Africa Automotive Lane Warning Systems Production by Type (2015-2020)
Table Middle East & Africa Automotive Lane Warning Systems Consumption by Application (2015-2020)
Table Middle East & Africa Automotive Lane Warning Systems Consumption by Country (2015-2020)
Table Middle East & Africa Automotive Lane Warning Systems Consumption Value (\$) by Country (2015-2020)
Figure Middle East & Africa Automotive Lane Warning Systems Market PEST Analysis
Table Global Automotive Lane Warning Systems Value (\$) and Growth Rate Forecast by Region (2020-2027)
Table Global Automotive Lane Warning Systems Production and Growth Rate Forecast by Region (2020-2027)
Table Global Automotive Lane Warning Systems Consumption and Growth Rate Forecast by Region (2020-2027)
Table Global Automotive Lane Warning Systems Production and Growth Rate Forecast by Type (2020-2027)
Table Global Automotive Lane Warning Systems Consumption and Growth Rate Forecast by Application (2020-2027)

I would like to order

Product name: 2015-2027 Global Automotive Lane Warning Systems Industry Market Research Report, Segment by Player, Type, Application, Marketing Channel, and Region

Product link: <https://marketpublishers.com/r/22E3AEE23ECBEN.html>

Price: US\$ 3,460.00 (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/22E3AEE23ECBEN.html>