

Video Encoders Market by Number of Channel (1-Channel, 2-Channel, 4-Channel, 8-Channel, 16-Channel, more than 16-Channel), Type (Standalone, Rack-mounted), Application (Broadcasting, Surveillance) and Geography - Global Forecast to 2027

<https://marketpublishers.com/r/VB0A823C72BEN.html>

Date: August 2022

Pages: 160

Price: US\$ 4,950.00 (Single User License)

ID: VB0A823C72BEN

Abstracts

The video encoder market is estimated to reach USD 3.3 billion by 2027 from USD 2.3 billion in 2022 with a CAGR of 7.6% from 2022 to 2027. The major factors driving the growth of the video encoder market include adoption of high-efficiency video coding (HEVC) standards for video encoding, ease of connecting analog cameras using video encoder to a network, and use of cloud services to store increasing amount of data. Key players in the market focus on research and development (R&D) to enhance the functionalities of the video encoders offered. Moreover, growth in number of mobile-streaming videos and growing market for OTT services in developing countries are also creating immense opportunities for the video encoder market.

“BROADCASTING APPLICATION IS EXPECTED TO GROW AT THE HIGHEST CAGR FROM 2022 TO 2027”

The market for broadcasting application is expected to grow at the highest CAGR between 2022 and 2027. Video encoders are crucial in broadcasting, 4K recording/over IP, and supporting cameras (such as monitoring live events). Most broadcasters are now using video encoders to deliver high-quality video content using lower bandwidth. The installation of video encoders helps broadcasters deliver high-quality video at minimum bit rates. Hence, the need for service providers to transmit high-quality content and ensure better streaming has led to the increased demand for broadcast encoders.

“16-CHANNEL VIDEO ENCODERS IS PROJECTED TO GROW AT A HIGHER CAGR DURING THE FORECAST PERIOD”

The market for 16-channel encoders is projected to grow at a higher CAGR during forecast period. 16-channel video encoders have 16-channel video and audio inputs. The demand for 16-channel video encoder systems is expected to grow primarily due to the ease of 16-channel video encoder deployment rather than switching to expensive IP-based systems. The growing installation of a large number of cameras in commercial and institutional segments is expected to be another key factor supporting the growth of this market.

“NORTH AMERICA HELD THE LARGEST SHARE OF THE VIDEO ENCODERS MARKET IN 2021”

The North America held a larger share of the video encoder market in 2021. Collaborations between the government and network arenas, institutional partnerships between video encoder manufacturers and research collaborations, and large-scale investments in cloud-based services in North America drive the demand for video encoders. Moreover, in North America, particularly in the US, the government has taken initiatives to implement surveillance systems at government buildings, public places, and educational institutes. North America is considered a pioneer in adopting video surveillance systems for public safety. Video encoders play a major role in converting the existing analog systems into IP-based systems.

The break-up of the profiles of primary participants for the report has been given below:

By Company Type: Tier 1 = 25%, Tier 2 = 35%, and Tier 3 = 40%

By Designation: C-Level Executives = 35%, Directors = 25%, and Others = 40%

By Region: North America = 14%, Europe = 43%, Asia Pacific = 29%, and RoW = 14%

Major players operating in the video encoders market include Hikvision (China), VITEC (France), Harmonic (US), Motorola Solutions (US), and CISCO (US), among others.

Research Coverage:

Video Encoders Market by Number of Channel (1-Channel, 2-Channel, 4-Channel, 8-Channel, 16-Channel, more than...

The video encoder market has been segmented based on the number of channels, type, application, and region. Based on type, the market has been segmented into standalone and rack-mounted video encoders. Standalone video encoders are beneficial in situations where only a few cameras are to be connected, while rack-mounted video encoders are useful in instances where large installations with analog cameras are required. The video encoder market is segmented, by application, into broadcasting and surveillance. Cable operators and broadcasters use video encoders to improve the video quality delivered to their customers. Surveillance applications cover various verticals, such as institutional, commercial, residential, transportation, retail, and military and defense. The use of security cameras in these verticals has helped increase the demand for video encoders. The video encoder market has been segmented by the number of channels into 1-channel, 2-channel, 4-channel, 8-channel, 16-channel, and more than 16-channel video encoders. 1-channel or 2-channel video encoders are used for small-scale applications such as small shops or individual residents. 8-channel and 16-channel video encoders can be used for instances where many analog cameras are to be installed. The report covers four major regions, namely, North America, Europe, AsiaPacific (APAC), and Rest of the World (RoW).

Key Benefits of Buying the Report:

This report segments the video encoders market comprehensively and provides the closest approximations of the overall market size, as well as that of the subsegments across different number of channels, type, application, and region.

The report helps stakeholders understand the pulse of the market, an expected market scenario and provides information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION AND SCOPE
 - 1.2.1 INCLUSIONS AND EXCLUSIONS
- 1.3 STUDY SCOPE
 - 1.3.1 MARKETS COVERED
- FIGURE 1 VIDEO ENCODER MARKET SEGMENTATION
- 1.3.2 REGIONAL SCOPE
- 1.3.3 YEARS CONSIDERED
- 1.4 CURRENCY CONSIDERED
- 1.5 UNIT CONSIDERED
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS
- 1.8 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - FIGURE 2 VIDEO ENCODER MARKET: RESEARCH DESIGN
 - 2.1.1 SECONDARY AND PRIMARY RESEARCH
 - FIGURE 3 VIDEO ENCODER MARKET: RESEARCH APPROACH
 - 2.1.2 SECONDARY DATA
 - 2.1.2.1 Major secondary sources
 - 2.1.2.2 Secondary sources
 - 2.1.3 PRIMARY DATA
 - 2.1.3.1 Primary interviews with experts
 - 2.1.3.2 Key data from primary sources
 - 2.1.3.3 Key industry insights
 - 2.1.3.4 Breakdown of primary interviews
- 2.2 MARKET SIZE ESTIMATION
 - FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY (SUPPLY SIDE):
REVENUE OF COMPANIES FROM VIDEO ENCODERS
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.1.1 Approach for arriving at market size using bottom-up approach (demand side)
 - FIGURE 5 VIDEO ENCODER MARKET: BOTTOM-UP APPROACH
 - 2.2.2 TOP-DOWN APPROACH

2.2.2.1 Approach for arriving at market size using top-down approach (supply side)

FIGURE 6 VIDEO ENCODER MARKET: TOP-DOWN APPROACH

2.3 MARKET BREAKDOWN AND DATA TRIANGULATION

FIGURE 7 DATA TRIANGULATION

2.4 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

FIGURE 8 RACK-MOUNTED VIDEO ENCODERS TO REGISTER HIGHER CAGR DURING FORECAST PERIOD

FIGURE 9 1-CHANNEL VIDEO ENCODERS TO HOLD LARGEST MARKET SHARE FROM 2022–2027

FIGURE 10 BROADCASTING TO REMAIN LARGEST APPLICATION SEGMENT DURING FORECAST PERIOD

FIGURE 11 MIDDLE EAST & AFRICA EXPECTED TO BE FASTEST-GROWING REGION DURING FORECAST PERIOD

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN VIDEO ENCODER MARKET

FIGURE 12 CONTINUOUS TECHNOLOGICAL ADVANCEMENTS TO BOOST MARKET GROWTH

4.2 VIDEO ENCODER MARKET, BY TYPE

FIGURE 13 RACK-MOUNTED VIDEO ENCODERS TO HOLD MAJOR MARKET SHARE DURING FORECAST PERIOD

4.3 VIDEO ENCODER MARKET, BY NUMBER OF CHANNELS

FIGURE 14 1-CHANNEL VIDEO ENCODERS TO ACCOUNT FOR LARGEST MARKET SHARE IN 2027

4.4 VIDEO ENCODER MARKET, BY APPLICATION

FIGURE 15 BROADCASTING APPLICATIONS TO HOLD LARGEST MARKET SHARE IN 2027

4.5 VIDEO ENCODER MARKET, BY REGION

FIGURE 16 NORTH AMERICA TO DOMINATE MARKET IN 2027

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

FIGURE 17 VIDEO ENCODER MARKET DRIVERS AND THEIR IMPACT

- 5.2.1.1 Ease of connecting analog cameras using video encoders to a network
- 5.2.1.2 Use of cloud services to store increasing volumes of data
- 5.2.1.3 Adoption of HEVC standard for video encoding

5.2.2 RESTRAINTS**FIGURE 18 VIDEO ENCODER MARKET RESTRAINTS AND THEIR IMPACT**

- 5.2.2.1 Limited capability to deliver 4K streaming and broadcasting services

5.2.3 OPPORTUNITIES**FIGURE 19 VIDEO ENCODER MARKET OPPORTUNITIES AND THEIR IMPACT**

- 5.2.3.1 Increasing use of mobile devices to stream videos
- 5.2.3.2 Optimization of network bandwidth for cable operators
- 5.2.3.3 Developing countries witnessing increased OTT consumption

5.2.4 CHALLENGES**FIGURE 20 VIDEO ENCODER MARKET CHALLENGES AND THEIR IMPACT**

- 5.2.4.1 High cost associated with adoption of newer technologies

5.3 TARIFFS AND REGULATIONS**5.4 VALUE CHAIN ANALYSIS****FIGURE 21 VALUE CHAIN ANALYSIS: VIDEO ENCODER MARKET****5.5 VIDEO ENCODER ECOSYSTEM****FIGURE 22 MARKET MAP OF VIDEO ENCODERS****5.6 AVERAGE SELLING PRICE****TABLE 1 AVERAGE SELLING PRICE OF VIDEO ENCODERS FOR SURVEILLANCE APPLICATIONS, 2021****5.7 KEY USE CASES**

- 5.7.1 GLOBO SETS NEW QUALITY STANDARDS IN 4K WITH BITMOVIN
- 5.7.2 NETFLIX UPDATES VIDEO CODECS FOR EFFICIENT ENCODING
- 5.7.3 TERRACE CITY COUNCIL TO BUY VIDEO ENCODERS
- 5.7.4 GOOGLE AND SAMSUNG OFFER SOLUTIONS TO SUPPORT AV1 CODEC

5.8 PATENT ANALYSIS

- 5.8.1 HEVC TECHNOLOGY PATENT

FIGURE 23 TOP COMPANIES WITH HIGHEST NUMBER OF PATENT APPLICATIONS RELATED TO HEVC TECHNOLOGY**FIGURE 24 PATENT ANALYSIS RELATED TO HEVC TECHNOLOGY****TABLE 2 TOP 20 PATENT OWNERS IN US IN LAST 10 YEARS****5.9 MAJOR NEXT-GENERATION VIDEO ENCODER TECHNOLOGIES**

- 5.9.1 HEVC
- 5.9.2 VVC
- 5.9.3 AOMEDIA VIDEO 1 (AV1)
- 5.9.4 VP9

6 VIDEO ENCODER MARKET, BY COMPONENT

6.1 INTRODUCTION

6.2 ANALOG VIDEO INPUT

6.3 COAXIAL CABLES

6.4 PROCESSORS

6.5 MEMORY

6.6 SERIAL PORTS

6.7 LANS

6.8 NETWORK SWITCHES

7 VIDEO ENCODER MARKET, BY NUMBER OF CHANNELS

7.1 INTRODUCTION

FIGURE 25 VIDEO ENCODER MARKET, BY NUMBER OF CHANNELS

FIGURE 26 1-CHANNEL VIDEO ENCODER SEGMENT TO HOLD LARGEST MARKET SHARE DURING FORECAST PERIOD

TABLE 3 VIDEO ENCODER MARKET, BY NUMBER OF CHANNELS, 2018–2021 (USD MILLION)

TABLE 4 VIDEO ENCODER MARKET, BY NUMBER OF CHANNELS, 2022–2027 (USD MILLION)

7.2 1-CHANNEL VIDEO ENCODERS

7.2.1 IN DEMAND FOR CONTRIBUTION APPLICATIONS

TABLE 5 1-CHANNEL: VIDEO ENCODER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 6 1-CHANNEL: VIDEO ENCODER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 7 1-CHANNEL: VIDEO ENCODER MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 8 1-CHANNEL: VIDEO ENCODER MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

7.3 2-CHANNEL VIDEO ENCODERS

7.3.1 VIDEO SURVEILLANCE INDUSTRY SWITCHING TO IP-BASED SYSTEMS

TABLE 9 2-CHANNEL: VIDEO ENCODER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 10 2-CHANNEL: VIDEO ENCODER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 11 2-CHANNEL: VIDEO ENCODER MARKET, BY APPLICATION, 2018–2021

(USD MILLION)

TABLE 12 2-CHANNEL: VIDEO ENCODER MARKET, BY APPLICATION, 2022–2027

(USD MILLION)

7.4 4-CHANNEL VIDEO ENCODERS

7.4.1 USED IN IPTV, LIVE STREAMING, AND SURVEILLANCE/MONITORING APPLICATIONS

TABLE 13 4-CHANNEL: VIDEO ENCODER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 14 4-CHANNEL: VIDEO ENCODER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 15 4-CHANNEL: VIDEO ENCODER MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 16 4-CHANNEL: VIDEO ENCODER MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

7.5 8-CHANNEL VIDEO ENCODERS

7.5.1 USED IN COMMERCIAL, INSTITUTIONAL, AND RETAIL APPLICATIONS

TABLE 17 8-CHANNEL: VIDEO ENCODER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 18 8-CHANNEL: VIDEO ENCODER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 19 8-CHANNEL: VIDEO ENCODER MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 20 8-CHANNEL: VIDEO ENCODER MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

7.6 16-CHANNEL VIDEO ENCODERS

7.6.1 EASIER TO DEPLOY THAN EXPENSIVE IP-BASED SYSTEMS

TABLE 21 16-CHANNEL: VIDEO ENCODER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 22 16-CHANNEL: VIDEO ENCODER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 23 16-CHANNEL: VIDEO ENCODER MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 24 16-CHANNEL: VIDEO ENCODER MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

7.7 MORE THAN 16-CHANNEL VIDEO ENCODERS

7.7.1 OFFERS ADVANCED NETWORK CAPABILITIES, BETTER AUDIO QUALITY, AND EFFECTIVE VIDEO PERFORMANCE

TABLE 25 MORE THAN 16-CHANNEL: VIDEO ENCODER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 26 MORE THAN 16-CHANNEL: VIDEO ENCODER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 27 MORE THAN 16-CHANNEL: VIDEO ENCODER MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 28 MORE THAN 16-CHANNEL: VIDEO ENCODER MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

8 VIDEO ENCODER MARKET, BY TYPE

8.1 INTRODUCTION

FIGURE 27 VIDEO ENCODER MARKET, BY TYPE

FIGURE 28 RACK-MOUNTED VIDEO ENCODERS SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

TABLE 29 VIDEO ENCODER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 30 VIDEO ENCODER MARKET, BY TYPE, 2022–2027 (USD MILLION)

8.2 STANDALONE

8.2.1 ELIMINATES NEED FOR ADDITIONAL CABLING

TABLE 31 STANDALONE: VIDEO ENCODER MARKET, BY NUMBER OF CHANNELS, 2018–2021 (USD MILLION)

TABLE 32 STANDALONE: VIDEO ENCODER MARKET, BY NUMBER OF CHANNELS, 2022–2027 (USD MILLION)

8.3 RACK-MOUNTED

8.3.1 RISING PRODUCT LAUNCHES PROVIDING TRACTION

TABLE 33 RACK-MOUNTED: VIDEO ENCODER MARKET, BY NUMBER OF CHANNELS, 2018–2021 (USD MILLION)

TABLE 34 RACK-MOUNTED: VIDEO ENCODER MARKET, BY NUMBER OF CHANNELS, 2022–2027 (USD MILLION)

9 VIDEO ENCODER MARKET, BY APPLICATION

9.1 INTRODUCTION

FIGURE 29 VIDEO ENCODER MARKET, BY APPLICATION

FIGURE 30 BROADCASTING TO HOLD LARGEST MARKET SIZE IN 2027

TABLE 35 VIDEO ENCODER MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 36 VIDEO ENCODER MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

9.2 BROADCASTING

9.2.1 ENCODERS CRUCIAL IN BROADCASTING, 4K RECORDING/OVER IP, AND

SUPPORTING CAMERAS

TABLE 37 BROADCASTING: VIDEO ENCODER MARKET, BY TYPE, 2018–2021
(USD MILLION)

TABLE 38 BROADCASTING: VIDEO ENCODER MARKET, BY TYPE, 2022–2027
(USD MILLION)

TABLE 39 BROADCASTING: VIDEO ENCODER MARKET, BY REGION, 2018–2021
(USD MILLION)

TABLE 40 BROADCASTING: VIDEO ENCODER MARKET, BY REGION, 2022–2027
(USD MILLION)

TABLE 41 BROADCASTING: VIDEO ENCODER MARKET, BY NUMBER OF
CHANNELS, 2018–2021 (USD MILLION)

TABLE 42 BROADCASTING: VIDEO ENCODER MARKET, BY NUMBER OF
CHANNELS, 2022–2027 (USD MILLION)

9.2.1.1 Pay TV

TABLE 43 PAY TV: VIDEO ENCODER MARKET, BY REGION, 2018–2021 (USD
MILLION)

TABLE 44 PAY TV: VIDEO ENCODER MARKET, BY REGION, 2022–2027 (USD
MILLION)

9.2.1.2 Over-the-top (OTT) services

TABLE 45 OTT: VIDEO ENCODER MARKET, BY REGION, 2018–2021 (USD
MILLION)

TABLE 46 OTT: VIDEO ENCODER MARKET, BY REGION, 2022–2027 (USD
MILLION)

9.3 SURVEILLANCE

9.3.1 VIDEO SURVEILLANCE INDUSTRY SWITCHING TO IP-BASED SYSTEMS

TABLE 47 SURVEILLANCE: VIDEO ENCODER MARKET, 2018–2021 (THOUSAND
UNIT)

TABLE 48 SURVEILLANCE: VIDEO ENCODER MARKET, 2022–2027 (THOUSAND
UNIT)

TABLE 49 SURVEILLANCE: VIDEO ENCODER MARKET, BY NUMBER OF
CHANNELS, 2018–2021 (USD MILLION)

TABLE 50 SURVEILLANCE: VIDEO ENCODER MARKET, BY NUMBER OF
CHANNELS, 2022–2027 (USD MILLION)

TABLE 51 SURVEILLANCE: VIDEO ENCODER MARKET, BY APPLICATION,
2018–2021 (USD MILLION)

TABLE 52 SURVEILLANCE: VIDEO ENCODER MARKET, BY APPLICATION,
2022–2027 (USD MILLION)

TABLE 53 SURVEILLANCE: VIDEO ENCODER MARKET, BY REGION, 2018–2021
(USD MILLION)

TABLE 54 SURVEILLANCE: VIDEO ENCODER MARKET, BY REGION, 2022–2027
(USD MILLION)

9.3.1.1 Retail

TABLE 55 RETAIL: VIDEO ENCODER MARKET, BY REGION, 2018–2021 (USD
MILLION)

TABLE 56 RETAIL: VIDEO ENCODER MARKET, BY REGION, 2022–2027 (USD
MILLION)

9.3.1.2 Transportation

TABLE 57 TRANSPORTATION: VIDEO ENCODER MARKET, BY REGION,
2018–2021 (USD MILLION)

TABLE 58 TRANSPORTATION: VIDEO ENCODER MARKET, BY REGION,
2022–2027 (USD MILLION)

9.3.1.3 Commercial

TABLE 59 COMMERCIAL: VIDEO ENCODER MARKET, BY REGION, 2018–2021
(USD MILLION)

TABLE 60 COMMERCIAL: VIDEO ENCODER MARKET, BY REGION, 2022–2027
(USD MILLION)

9.3.1.4 Residential

TABLE 61 RESIDENTIAL: VIDEO ENCODER MARKET, BY REGION, 2018–2021
(USD MILLION)

TABLE 62 RESIDENTIAL: VIDEO ENCODER MARKET, BY REGION, 2022–2027
(USD MILLION)

9.3.1.5 Institutional

TABLE 63 INSTITUTIONAL: VIDEO ENCODER MARKET, BY REGION, 2018–2021
(USD MILLION)

TABLE 64 INSTITUTIONAL: VIDEO ENCODER MARKET, BY REGION, 2022–2027
(USD MILLION)

9.3.1.6 Military and defense

TABLE 65 MILITARY AND DEFENSE: VIDEO ENCODER MARKET, BY REGION,
2018–2021 (USD MILLION)

TABLE 66 MILITARY AND DEFENSE: VIDEO ENCODER MARKET, BY REGION,
2022–2027 (USD MILLION)

10 VIDEO ENCODER MARKET, BY REGION

10.1 INTRODUCTION

FIGURE 31 MARKET IN INDIA EXPECTED TO REGISTER HIGHEST CAGR DURING
FORECAST PERIOD

FIGURE 32 VIDEO ENCODER MARKET IN ROW TO GROW AT HIGHEST CAGR

DURING FORECAST PERIOD

TABLE 67 VIDEO ENCODER MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 68 VIDEO ENCODER MARKET, BY REGION, 2022–2027 (USD MILLION)

10.2 NORTH AMERICA

FIGURE 33 NORTH AMERICA: VIDEO ENCODER MARKET SNAPSHOT

FIGURE 34 US TO CONTINUE TO LEAD VIDEO ENCODER MARKET IN NORTH AMERICA DURING FORECAST PERIOD

TABLE 69 SURVEILLANCE: VIDEO ENCODER MARKET IN NORTH AMERICA, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 70 SURVEILLANCE: VIDEO ENCODER MARKET IN NORTH AMERICA, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 71 BROADCASTING: VIDEO ENCODER MARKET IN NORTH AMERICA, BY TYPE, 2018–2021 (USD MILLION)

TABLE 72 BROADCASTING: VIDEO ENCODER MARKET IN NORTH AMERICA, BY TYPE, 2022–2027 (USD MILLION)

TABLE 73 NORTH AMERICA: VIDEO ENCODER MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 74 NORTH AMERICA: VIDEO ENCODER MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

10.2.1 US

10.2.1.1 US held largest share of video encoder market in North America in 2021

10.2.2 CANADA

10.2.2.1 Many cities installing CCTV street cameras

10.2.3 MEXICO

10.2.3.1 Upsurge in demand for personal safety from private sector

10.3 EUROPE

FIGURE 35 EUROPE: VIDEO ENCODER MARKET SNAPSHOT

FIGURE 36 GERMANY TO LEAD VIDEO ENCODER MARKET IN EUROPE IN 2022

TABLE 75 SURVEILLANCE: VIDEO ENCODER MARKET IN EUROPE, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 76 SURVEILLANCE: VIDEO ENCODER MARKET IN EUROPE, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 77 BROADCASTING: VIDEO ENCODER MARKET IN EUROPE, BY TYPE, 2018–2021 (USD MILLION)

TABLE 78 BROADCASTING: VIDEO ENCODER MARKET IN EUROPE, BY TYPE, 2022–2027 (USD MILLION)

TABLE 79 EUROPE: VIDEO ENCODER MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 80 EUROPE: VIDEO ENCODER MARKET, BY COUNTRY, 2022–2027 (USD

MILLION)

10.3.1 UK

10.3.1.1 Heightened city surveillance

10.3.2 GERMANY

10.3.2.1 Increased CCTV camera installations in public areas and transport networks

10.3.3 FRANCE

10.3.3.1 Dynamic broadcasting industry to boost market

10.3.4 SPAIN

10.3.4.1 Demand for video surveillance to boost market

10.3.5 ITALY

10.3.5.1 Broadcasters offering better video quality to subscribers

10.3.6 REST OF EUROPE

10.4 ASIA PACIFIC

FIGURE 37 ASIA PACIFIC: VIDEO ENCODER MARKET SNAPSHOT

FIGURE 38 JAPAN TO EXHIBIT HIGHEST CAGR IN ASIA PACIFIC DURING FORECAST PERIOD

TABLE 81 SURVEILLANCE: VIDEO ENCODER MARKET IN ASIA PACIFIC, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 82 SURVEILLANCE: VIDEO ENCODER MARKET IN ASIA PACIFIC, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 83 BROADCASTING: VIDEO ENCODER MARKET IN ASIA PACIFIC, BY TYPE, 2018–2021 (USD MILLION)

TABLE 84 BROADCASTING: VIDEO ENCODER MARKET IN ASIA PACIFIC, BY TYPE, 2022–2027 (USD MILLION)

TABLE 85 ASIA PACIFIC: VIDEO ENCODER MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 86 ASIA PACIFIC: VIDEO ENCODER MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

10.4.1 CHINA

10.4.1.1 Surveillance applications to drive demand

10.4.2 JAPAN

10.4.2.1 Active video surveillance systems to ensure safety of citizens

10.4.3 INDIA

10.4.3.1 Video encoder market to grow at highest pace

10.4.4 SOUTH KOREA

10.4.4.1 Increasing security camera installations

10.4.5 REST OF ASIA PACIFIC

10.5 REST OF THE WORLD

FIGURE 39 MIDDLE EAST TO RECORD HIGHEST CAGR IN ROW DURING

FORECAST PERIOD

TABLE 87 SURVEILLANCE: VIDEO ENCODER MARKET IN ROW, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 88 SURVEILLANCE: VIDEO ENCODER MARKET IN ROW, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 89 BROADCASTING: VIDEO ENCODER MARKET IN ROW, BY TYPE, 2018–2021 (USD MILLION)

TABLE 90 BROADCASTING: VIDEO ENCODER MARKET IN ROW, BY TYPE, 2022–2027 (USD MILLION)

TABLE 91 ROW: VIDEO ENCODER MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 92 ROW: VIDEO ENCODER MARKET, BY REGION, 2022–2027 (USD MILLION)

10.5.1 SOUTH AMERICA

10.5.1.1 Growing demand for HD content

10.5.2 MIDDLE EAST

10.5.2.1 Increasing use of security cameras

10.5.3 AFRICA

10.5.3.1 African viewers enjoy HD and SD video experience, IPTV, and pay TV at affordable price

11 COMPETITIVE LANDSCAPE

11.1 OVERVIEW

FIGURE 40 KEY DEVELOPMENTS BY KEY PLAYERS IN VIDEO ENCODER MARKET (2020–2022)

11.2 MARKET SHARE ANALYSIS, 2021

TABLE 93 VIDEO ENCODER MARKET: MARKET SHARE ANALYSIS

11.3 COMPANY EVALUATION QUADRANT

11.3.1 STARS

11.3.2 EMERGING LEADERS

11.3.3 PERVASIVE PLAYERS

11.3.4 PARTICIPANTS

FIGURE 41 VIDEO ENCODER MARKET: (GLOBAL) COMPANY QUADRANT, 2021

11.4 START-UP/SME EVALUATION QUADRANT

11.4.1 PROGRESSIVE COMPANIES

11.4.2 RESPONSIVE COMPANIES

11.4.3 DYNAMIC COMPANIES

11.4.4 STARTING BLOCKS

FIGURE 42 VIDEO ENCODER MARKET: START-UP/SME QUADRANT, 2021**11.5 COMPETITIVE SCENARIO****11.5.1 PRODUCT LAUNCHES AND DEVELOPMENTS****TABLE 94 PRODUCT LAUNCHES AND DEVELOPMENTS****11.5.2 DEALS****TABLE 95 DEALS****12 COMPANY PROFILES****12.1 KEY PLAYERS**

(Business Overview, Products/Services/Solutions offered, Recent Developments, MnM view, Key strengths/Right to win, Strategic choices made, Weakness/competitive threats)*

12.1.1 HIKVISION**TABLE 96 HIKVISION: BUSINESS OVERVIEW****FIGURE 43 HIKVISION: COMPANY SNAPSHOT****12.1.2 VITEC****TABLE 97 VITEC: BUSINESS OVERVIEW****12.1.3 HARMONIC****TABLE 98 HARMONIC: BUSINESS OVERVIEW****FIGURE 44 HARMONIC: COMPANY SNAPSHOT****12.1.4 MOTOROLA SOLUTIONS****TABLE 99 MOTOROLA SOLUTIONS: BUSINESS OVERVIEW****FIGURE 45 MOTOROLA SOLUTIONS: COMPANY SNAPSHOT****12.1.5 CISCO****TABLE 100 CISCO: BUSINESS OVERVIEW****FIGURE 46 CISCO: COMPANY SNAPSHOT****12.1.6 COMMSCOPE****TABLE 101 COMMSCOPE: BUSINESS OVERVIEW****FIGURE 47 COMMSCOPE: COMPANY SNAPSHOT****12.1.7 AXIS COMMUNICATIONS****TABLE 102 AXIS COMMUNICATIONS: BUSINESS OVERVIEW****12.1.8 MATROX ELECTRONIC SYSTEMS****TABLE 103 MATROX ELECTRONIC SYSTEMS: BUSINESS OVERVIEW****12.1.9 DAHUA TECHNOLOGY****TABLE 104 DAHUA TECHNOLOGY.: BUSINESS OVERVIEW****FIGURE 48 DAHUA TECHNOLOGY: COMPANY SNAPSHOT****12.1.10 HAIVISION****TABLE 105 HAIVISION: BUSINESS OVERVIEW**

12.1.11 BOSCH SECURITY SYSTEMS

TABLE 106 BOSCH SECURITY SYSTEMS: BUSINESS OVERVIEW

12.1.12 ATEME

TABLE 107 ATEME: BUSINESS OVERVIEW

FIGURE 49 ATEME: COMPANY SNAPSHOT

12.1.13 TELESTE

TABLE 108 TELESTE: BUSINESS OVERVIEW

FIGURE 50 TELESTE: COMPANY SNAPSHOT

*Details on Business Overview, Products/Services/Solutions offered, Recent Developments, MnM view, Key strengths/Right to win, Strategic choices made, Weakness/competitive threats might not be captured in case of unlisted companies.

12.2 OTHER PLAYERS

12.2.1 VIDICORE

12.2.2 HAIWEITECH

12.2.3 BEAMR

12.2.4 ACTI

12.2.5 ERICSSON

12.2.6 HONEYWELL SECURITY GROUP

12.2.7 LILIN

13 ADJACENT AND RELATED MARKETS

13.1 INTRODUCTION

13.2 LIMITATIONS

13.3 VIDEO SURVEILLANCE MARKET

13.3.1 VIDEO SURVEILLANCE MARKET, BY SYSTEM

13.3.1.1 Introduction

TABLE 109 VIDEO SURVEILLANCE MARKET, BY SYSTEM, 2017–2020 (USD MILLION)

TABLE 110 VIDEO SURVEILLANCE MARKET, BY SYSTEM, 2021–2026 (USD MILLION)

13.3.2 ANALOG VIDEO SURVEILLANCE SYSTEMS

13.3.2.1 Mainly consist of analog cameras and DVRs

13.3.3 IP VIDEO SURVEILLANCE SYSTEMS

13.3.3.1 Offer enhanced security and better resolution

14 APPENDIX

14.1 INSIGHTS FROM INDUSTRY EXPERTS

Video Encoders Market by Number of Channel (1-Channel, 2-Channel, 4-Channel, 8-Channel, 16-Channel, more than...

14.2 DISCUSSION GUIDE – VIDEO ENCODER MARKET

14.3 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

14.4 CUSTOMIZATION OPTIONS

14.5 RELATED REPORTS

14.6 AUTHOR DETAILS

I would like to order

Product name: Video Encoders Market by Number of Channel (1-Channel, 2-Channel, 4-Channel, 8-Channel, 16-Channel, more than 16-Channel), Type (Standalone, Rack-mounted), Application (Broadcasting, Surveillance) and Geography - Global Forecast to 2027

Product link: <https://marketpublishers.com/r/VB0A823C72BEN.html>

Price: US\$ 4,950.00 (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/VB0A823C72BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970