

Professional Cooled CCD Camera Market, Global Outlook and Forecast 2022-2028

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Abstracts

Professional cooled CCD cameras are high-resolution, high-speed digital imaging cameras that integrate images on a CCD. Thanks to an interline vertical register next to each photosensitive pixel, built-in fast shutter capability down to 1 microsecond is provided. Thanks to good cooling and native low dark current specifications, the camera allows up to several minutes of on-chip integration without interference from dark current noise contributions.

This report contains market size and forecasts of Professional Cooled CCD Camera in global, including the following market information:

Global Professional Cooled CCD Camera Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Professional Cooled CCD Camera Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Professional Cooled CCD Camera companies in 2021 (%)

The global Professional Cooled CCD Camera market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Monochrome Camera Segment to Reach \$ Million by 2028, with a % CAGR in next six



years.

The global key manufacturers of Professional Cooled CCD Camera include Diffraction Limited, Idealphotonics, Allied Scientific, IDEX Health & Science, ZWO Optical, Celestron, Atik Cameras, Canon and Moticam, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Professional Cooled CCD Camera manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Professional Cooled CCD Camera Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Professional Cooled CCD Camera Market Segment Percentages, by Type, 2021 (%)

Monochrome Camera

Color Camera

Global Professional Cooled CCD Camera Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Professional Cooled CCD Camera Market Segment Percentages, by Application, 2021 (%)

Astronomical

Medical

Laboratory

Others



Global Professional Cooled CCD Camera Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Professional Cooled CCD Camera Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea



Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Professional Cooled CCD Camera revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Professional Cooled CCD Camera revenues share in global market, 2021 (%)

Key companies Professional Cooled CCD Camera sales in global market, 2017-2022



(Estimated), (K Units)

Key companies Professional Cooled CCD Camera sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Diffraction Limited Idealphotonics Allied Scientific **IDEX Health & Science ZWO Optical** Celestron Atik Cameras Canon Moticam **OPTIKA** Starlight Xpress Ltd Lumenera Altair QHYCCD



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