

CyberOptics Corp. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

CyberOptics Corp. Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between CyberOptics Corp. and its competitors. This provides our Clients with a clear understanding of CyberOptics Corp. position in the [Semiconductor](#) Industry.

The report contains detailed information about CyberOptics Corp. that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for CyberOptics Corp.. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The CyberOptics Corp. financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios pertaining to profitability, margin analysis, asset turnover, credit ratios, and company's long-

term solvency. This sort of company's information will assist and strengthen your company's decision-making processes.

In the part that describes CyberOptics Corp. competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of CyberOptics Corp. business.

About CyberOptics Corp.

CyberOptics Corporation supplies optical process control sensors and inspection systems that are used to control the manufacturing process. The company also manufactures and sells sensors that assist with yield improvement, and the placement and transport of wafers during semiconductor fabrication.

The company's products assist the global surface mount technology (SMT) and semiconductor industries in meeting the quality demands for printed circuit board assembly and semiconductor wafer fabrication. Using various proprietary technologies such as lasers, optics and machine vision, combined with software, electronics and mechanical design, its products enable manufacturers to increase production volume, product yields and quality by measuring the characteristics and placement of components both during and after the manufacturing process.

Segments

Electronic Assembly segment designs, manufactures, and sells alignment and embedded inspection sensors and stand alone inspection systems for the electronic assembly equipment market.

Semiconductor segment designs, manufactures and sells optical and other process control sensors and related equipment for the semiconductor capital equipment market.

Products

The company's products are used primarily in the SMT electronic assembly and semiconductor fabrication sectors of the electronics industry. In addition to proprietary hardware designs that combine precision optics, various light sources and multiple detectors, its products incorporate software that controls the hardware and filters and converts raw data into application specific information. The company's product offerings are sold both to original equipment manufacturers that supply the SMT and semiconductor fabrication industries and to end-user customers who use its SMT systems products directly for process and quality control in the circuit board manufacturing process.

SMT Electronic Assembly Alignment Sensors

The company's SMT electronic assembly alignment sensors product line is a family of alignment sensors that are customized and incorporated into the equipment manufactured by its customers for use in SMT circuit board assembly. The company works with its original equipment manufacturer customers to integrate sensors into their equipment.

LaserAlign: These sensors are sold for incorporation into component placement machines used in the SMT production lines that are manufactured by different OEM customers.

The LaserAlign family of products aligns extremely small surface mount components, known as chip capacitors and resistors during transport on a pick-and-place machine prior to placement on a circuit board. LaserAlign sensors are incorporated into the placement heads of component placement machines to ensure component placement at high production speeds. Various high-speed component placement machines use between one and twenty LaserAlign sensors per machine. LaserAlign integrates an intelligent sensor, composed of a laser, optics and detectors with a microprocessor and software for making specific measurements.

BoardAlign Camera (BA Camera): The BA Camera, which is incorporated directly into the placement head of component placement machines, identifies fiducial markings on a circuit board and aligns the board in the component placement machine prior to

component placement.

InPrinter Inspection Camera: The InPrinter Inspection Camera, which is mounted directly in screen printers manufactured by DEK International GmbH, identifies fiducial markings on a circuit board to ensure board registration prior to placement of solder paste, as well as to provide an upgraded capability for 2D solder paste and stencil inspection.

Alignment Sensors for New Markets

Solar Wafer Alignment Camera: The company entered into an OEM agreement with a supplier of solutions for photovoltaic (Solar) cell manufacturing for its Solar Wafer Alignment Camera. The Solar Wafer Alignment Camera performs high-speed alignment measurements within the wafer print nest and can align a range of wafer technologies, including selective emitter, metal wrap-through, and print-on-print. This camera also has the ability to p

The above Company Fundamental Report is a half-ready report and contents are subject to change.

It means that we have all necessary data in our database to prepare the report but need **2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.

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1 – Data availability depends on company's security policy.

2 – These sections are available only when you purchase a report with appropriate additional types of analyses.
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ANALYSIS FEATURES

SWOT Analysis

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

Enhanced SWOT Analysis

Enhanced SWOT is a 3x3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

PESTEL Analysis

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.

Key Factors Examined by PESTEL Analysis:

Political – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

Economic – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

Sociological – What cultural and societal aspects will work upon the demand for the business's products and operations?

Technological – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

Environmental – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

Legal – What laws and legislation will exert influence on the style the business is carried out?

IFE, EFE, IE Matrices

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors

integrated into one suggestive model.

Porter Five Forces Analysis

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

VRIO Analysis

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity

Reputation

Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?

Rare?

Costly to imitate?

Organized properly?

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