

# Europe Bionic Eye Market By Technology (Electronic and Mechanical), By End Use (Hospitals, Eye Clinics and Other End uses), By Type (Implanted Eye and External Eye), By Country, Industry Analysis and Forecast, 2020 - 2026

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## Abstracts

The Europe Bionic Eye Market would witness market growth of 13.4% CAGR during the forecast period (2020-2026).

A wireless telemetry system is developed to eradicate the need for transcranial wires. In Bionic Eye, external hardware is connected that capture images, process them, and create instructions that are transmitted to the implanted circuit through a telemetry link. So Bionic Eye has been developed as a wearable external system that captures and processes the image, this system is accompanied by the implanted circuitry. A bionic eye is different from the prosthetic eye. In prosthetic eyes, the main organ is replaced by the physical structure. while in Bionic eye implants, don't require removal of the organ, it works along with the existing eye structures. They are designed in such a way to restore the functional vision of the eye.

Different models of the bionic eye have been developed that target different areas of the visual pathway. Presently, only retinal implants have got approval and bionic eyes are commercially available. Although cataract surgery and cornea transplants are the surgical processes that can replace the cornea and lens if the cornea becomes clouded or lens are unable to focus light.

Based on Technology, the market is segmented into Electronic and Mechanical. Based on End Use, the market is segmented into Hospitals, Eye Clinics and Other End uses. Based on Type, the market is segmented into Implanted Eye and External Eye. Based on countries, the market is segmented into Germany, UK, France, Russia, Spain, Italy, and Rest of Europe.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Second Sight Medical Products, Inc., Pixium Vision S.A., Nidek Co., Ltd., Optobionics Corporation, Biomedical Technologies S.L., Bionic Vision Technologies Pty. Ltd., Monash Vision Group, The Bionic Eye (The Bionic Group), Nano Retina Ltd. and iBionics.

Scope of the Study

Market Segmentation:

By Technology

Electronic

Mechanical

By End Use

Hospitals

Eye Clinics

Other End uses

By Type

Implanted Eye

External Eye

By Country

Germany

UK

France

Russia

Spain

Italy

Rest of Europe

### Companies Profiled

Second Sight Medical Products, Inc.

Pixium Vision S.A.

Nidek Co., Ltd.

Optobionics Corporation

Biomedical Technologies S.L.

Bionic Vision Technologies Pty. Ltd.

Monash Vision Group

The Bionic Eye (The Bionic Group)

Nano Retina Ltd.

iBionics

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