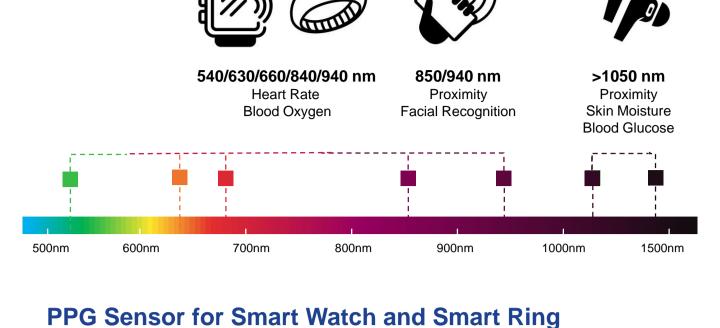
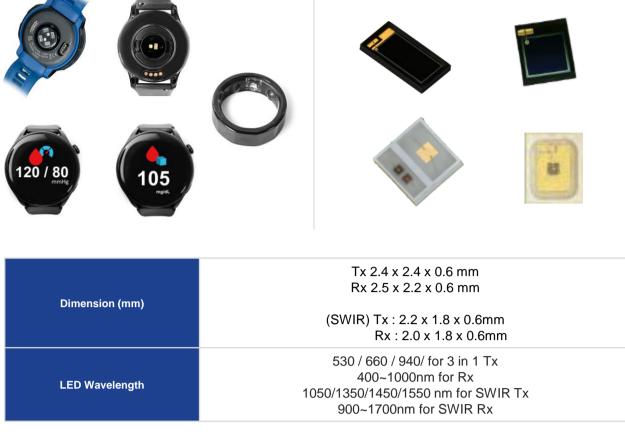
As technology advances and biometric sensing becomes more common, the future market continues to expand. This trend presents opportunities for consumers seeking convenience and better health management. Ennostar provides a wide range of biometric sensing products to meet the needs of leading brands. With diverse, customizable designs and high-quality manufacturing, Ennostar is the industry's top choice for efficient, energy-saving solutions, and a trusted partner for customers.





ongoing growth. Additionally, the emerging smart ring market presents opportunities for innovative features, particularly in the integration of health monitoring.

The smartwatch market is growing due to technological advancements and increasing health awareness. Its diverse functionalities appeal to a wide consumer base, ensuring

Market Trends & Growth Potential in Products/Technology

Ennostar's Highlights Using high-brightness LED light sources, the PPG sensor in the watch accurately and continuously monitors the user's physiological data, including heart rate, blood

oxygen, blood sugar, and blood pressure, while also achieving a power consumption reduction of more than 10%.

- The high-sensitivity PD reduces device power consumption, while the rapid response time ensures stable and reliable data, enabling more precise measurements. Additionally, the color of PD can be customized to ensure appearance consistency.
- monitoring, eliminating the need for blood extraction and providing a painless and convenient monitoring method. Ennostar is with you in every step

• The new PPG technology employs SWIR LED for non-invasive blood glucose

Epitaxial Wafer Chip **Package** Module **Products**

Heart Rate Variability (HRV) Analysis Application
rieart Nate variability (Tilly) Analysis Application
System (Software as a Madical Davisa)
System(Software as a Medical Device)

As awareness of mental health grows and the widespread adoption of smartphones continues, the demand and scope of application for such software in the medical field will continue to expand. This software is capable of providing evaluations of the autonomic nervous system, aiding in the tracking and assessment of psychiatric

Market Trends & Growth Potential in Products/Technology

Ennostar's Highlights Ennostar's medical-grade heart rate variability application system, measurable using a smartphone, assesses the state of the autonomic nervous system, provides effectiveness tracking for psychiatric therapy processes, and further enhances public

Ennostar's subsidiary has obtained medical equipment approval from the Taiwan

treatment processes, with an agreement analysis above 95% compared with ECG. Additionally, it can also enhance public attention and awareness of self-mental health.

The agreement analysis of the HRV result is above 95% compared with ECG.

Dimension (mm)

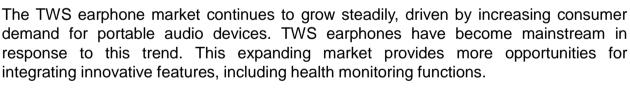
Wavelength

Ennostar's Highlights

Ministry of Health and Welfare.

awareness of self-psychological health.

Proximity Sensors for TWS



Market Trends & Growth Potential in Products/Technology

2.5 x 2.0 x 0.55

530 / 660 / 940 / nm for LED

400~1000nm for PD

Package

Module

Organic

Substance

36,240 Kg CO2e

Ennostar is with you in every step

Epitaxial Wafer

adding heart rate, blood oxygen, and temperature measurement functions while maintaining the comfort and appearance of the earphones. Ennostar's products with the proximity sensor, it effectively saves power for Bluetooth earphones, extending battery life and delivering a better user experience for consumers.

Chip

· In addition to providing LED chips, Ennostar also offers the industry's smallest integrated PPG sensor SIP (2.5x2.0x0.6mm). This is applied in TWS earphones,

BioxtarTM- Material for Wearable Device

Plant

Refining

Products

Biopolymer 〈	33	Biological Cycle	Z (P)	Package Recycling
	_		_	

Plants

Wearable Device

materials is thriving. Finding solutions to reduce carbon emissions, save energy, and conserve resources has become a primary objective. In this context, bio-based materials such as plant extracts have emerged as a crucial component of the supply chain. They help reduce reliance on finite resources and mitigate adverse environmental impacts.

LED Package

Market Trends & Growth Potential in Products/Technology With the growing global concern for sustainable environments, the market for green

Ennostar's Highlights BioxtarTM is the world's first LED packaging product extracted from plant materials,

with a bio-content greater than 30%.

9,060Kg CO2e

- ESG Products: The first LED product to achieve biological cycle. Overcoming challenges in the handling and optical transparency of bio-materials
- during the packaging process, Bioxtar[™] has been successfully developed as a material for LED products with both mass production capabilities and high transparency.
- Product Bioxtar™ **Photodiode Package Wearable Device**

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CO2e Emission