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Real-time projection, focusing on the patient.

FORESEE-X

Augmented Reality Smart Surgical Glasses

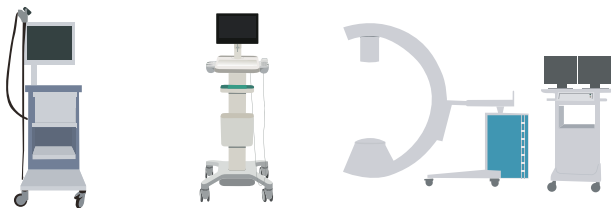
Before

The surgeon needs to focus on the monitors.

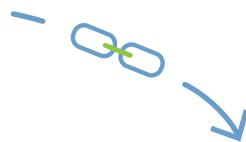
Most surgeons are forced to turn their heads away from the surgical field to see various intraoperative support monitors. These movements may result in inconvenience to surgeons and lead to technical difficulties and potential errors. In Surglasses, We have solution to address the challenges surgeons face.

Now

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Medical image machine



Control System

Head Set



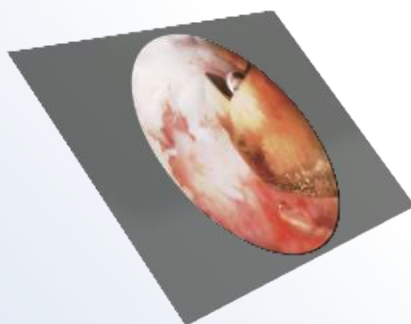
Connection System



SURGLASSES

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*Images from the external monitor are wire-
lessly transmitted to the glasses, allowing
the surgeon to see the augmented view
directly through the glasses and maintain
focus solely on the patient.*



Key Features

The system features tools to assist doctors in performing surgery smoothly and efficiently.



Application Area



Foresee-X is designed for a wide range of surgeries, including orthopedic, endoscopic, laparoscopic, trauma, cardiology, ENT, and more.

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RECORD

CONTINUE

STOP

SNAPSHOT

Media Function

Record the entire surgical procedure and securely store the data within the system for future reference and analysis.

Patient Information Management

Medical staff can input and save detailed patient information into the control system, with easy retrieval for future use.



No.

Name

Age

Start Time

End Time

Description

Universal Connectivity

Foresee-X supports various signal inputs like VGI, BNC, DVI, and connects seamlessly to multiple medical imaging devices such as C-arm, endoscopes, and ultrasound. It can display up to two medical devices simultaneously.



Image Adjustment

Adjust brightness and contrast of images in real-time during surgery for enhanced visibility and precision.



Data Storage and Access

Patient data files can be securely stored in the Foresee-X system or easily converted and transferred via USB for external use.

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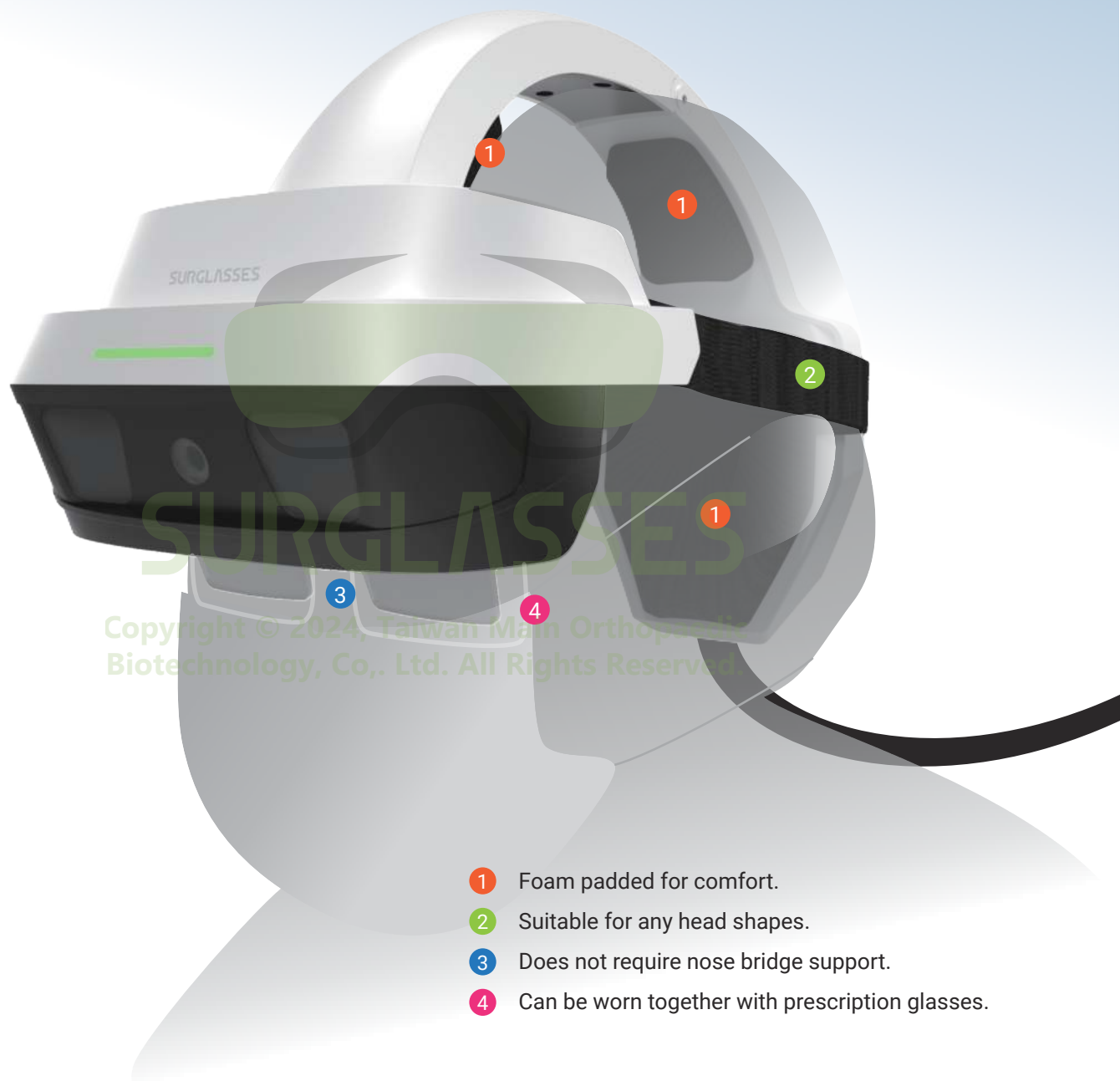
Multi-device Connection

Connect up to four pairs of Foresee-X glasses to a control system, enabling synchronized, collaborative work in the operating room.



Product Design

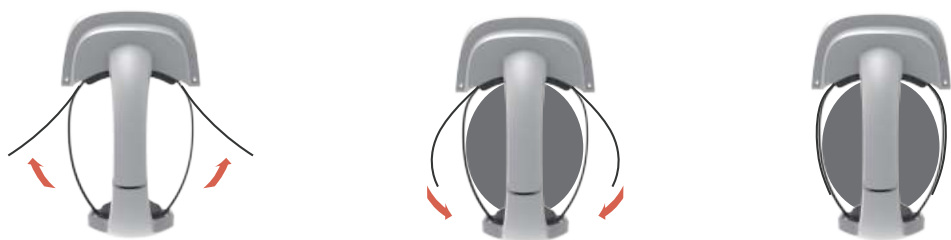
Ergonomically designed for maximum comfort and convenience, our AR smart surgical glasses offer a seamless experience for the user.



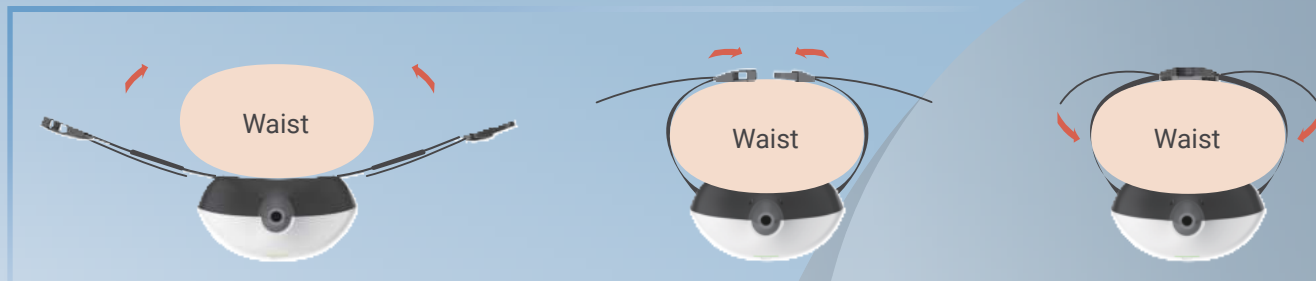
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- 1 Foam padded for comfort.
- 2 Suitable for any head shapes.
- 3 Does not require nose bridge support.
- 4 Can be worn together with prescription glasses.

Wearing method



Wearing method



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- Camera design allows for effortless recording during the surgical procedure.
- View both the medical equipment display and the surgical environment in real time.
- Move freely without being restricted by cables.
- Lightweight and burdern-free designed.





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Application Area

Connects seamlessly to any medical imaging device, such as ultrasound, endoscope, C-arm, etc.

Ultrasound



Endoscope



C-arm



Screen Sharing



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Product Specifications

Please call our Sales Representative or Original Manufacturer for the full list of Foresee-X Augmented Reality Smart Surgical Glasses related instruments and accessories.



Head Set

REF No.	FEX-SSG-02
Resolution	720 × 1280 pixel
Aspect ratio	16:9
Brightness	4000 nit
Throw ratio	52.6" virtual image at 2m distance

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Connection System

REF No.	FEX-CNS-02
Wi-Fi	802.11a/b/g/n/ac
Ethernet	Native Gigabit Ethernet
Battery	Li-ion Polymer Battery 30000mAh
Power Consumption	5V,4.5A, 22.5W

Control System

REF No.	FEX-CTS-02
Power	100-240V(50/60Hz)
CPU	I7-11700
RAM	16G DDR4
Flash	SSD 512GB
Signal Input	DVI-D, BNC, VGA, HDMI, DP
USB input/output	USB 3.0, USB 2.0



Monitor

REF No.	FEX-MTR-00
Screen size	23.6 inch
Resolution	1920 X 1080 FHD
Aspect ratio	16:9
Dimension	417mm X 540mm X 187mm

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Router

REF No.	FEX-RTR-02
Networking standard	802.11a/b/g/n ac/ax, IPv4, IPv6
Power adapter	Output 12V /1.5 A Input 100-240V(50/60Hz)
Frequency band	5G Hz
Dimension	230mm X 144mm X 37mm





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