

THE BEST VIEWING EXPERIENCE

SCOPEYE[®]

THE END OF MONITORS

In monitor-based surgery, medical staff has experienced the inconvenience of alternately looking at the monitor and the affected area in an uncomfortable posture.

Through SCOPEYE, surgeons don't have to turn their heads during surgery, solving ergonomic problems and simultaneously switching screens of various images with a foot pedal to increase immersion in surgery.

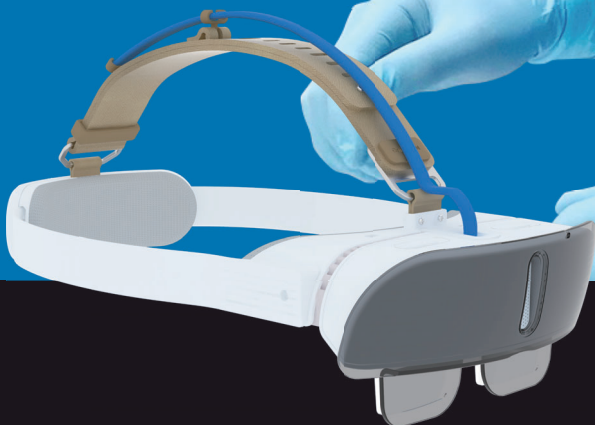
Clear images with wider FOV(40°) for precise work
1080p (per eye) / 16:9

Compatible with any medical imaging devices

Compatible with 3D medical imaging devices

Support both wired and wireless

Applied ergonomic design for medical staff



MediThinQ

Before

Monitor-based operation

Medical staff currently use multiple medical imaging devices during surgery, installing monitors and arranging them in a narrow operating room.

Watching the monitors requires them to look away from the surgical site, increasing the risk during surgery.



After

SCOPEYE®



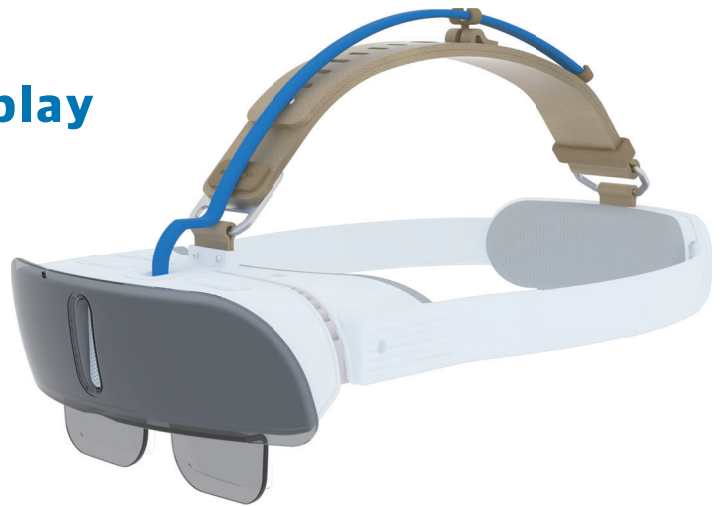
Instead of watching monitor, SCOPEYE Series shows Full HD image quality in front of eyes by wireless image transmission. All images can be rotated with various positions.

SCOPEYE®

A feather-light experience, eliminating any discomfort or pressure on your head even during extended usage. Frame design using elasticity and urethane cushion increases air permeability and adhesion and minimizes pressure.

World's Best Wearable Display

- FHD screen like viewing 40inch TV view from 1.5m distance
- Eyes Up Display to secure the external view while viewing the image
- Clear images with wider FOV(40°) for precise work
- Compatible with 3D medical imaging devices



Multi Processor (SE-MP)

Screen Switching

- Using the Multi Processor, connected up to 4 medical imaging devices (Navigation system, Endoscopy, Patient monitor, CT, MRI, C-arm, etc.)
- Easy and simple to change the view by bluetooth device

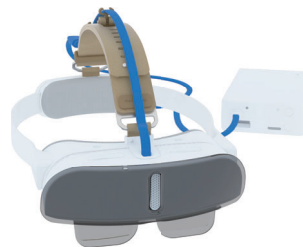


Foot pedal type Bluetooth device



Plug & Play

- Compatible with any medical imaging devices
- Easy installation



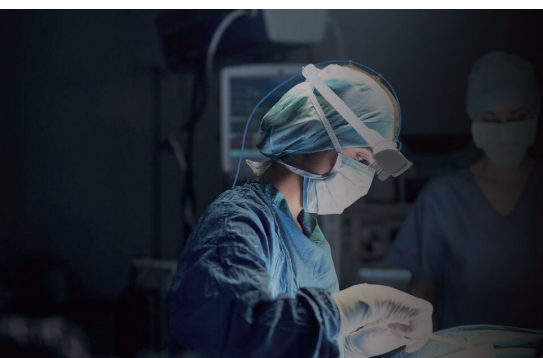
Wireless SCOPEYE



Wired SCOPEYE

Wireless Transmission

- Seamless high quality image transmission at less than 70ms
- Available up to 50m distance

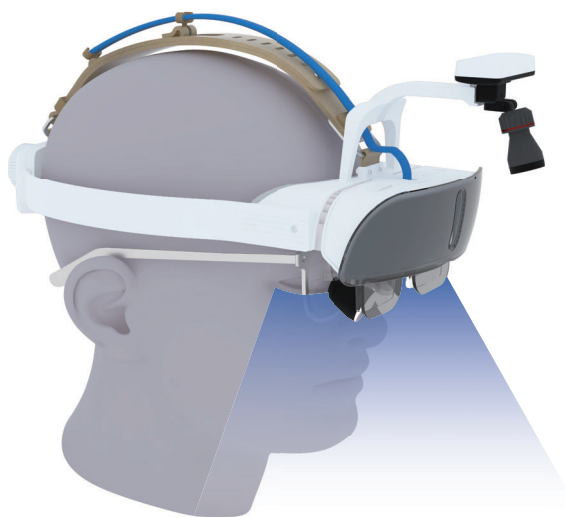
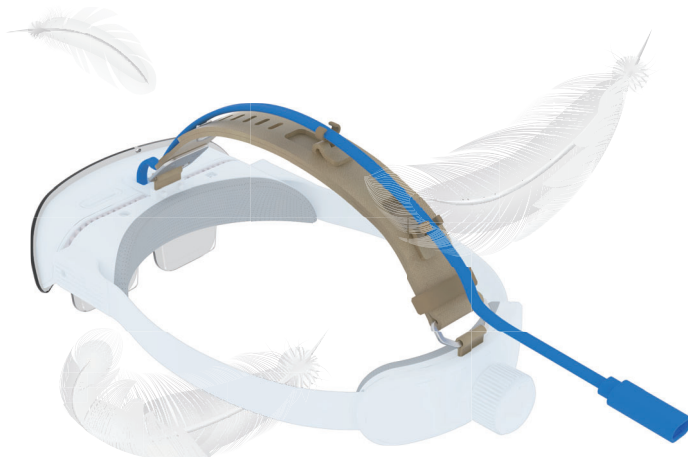


SCOPEYE®

Experience stability and comfort, wear with ease, and enjoy an enhanced field of view.

Boundless Comfort

A feather-light experience, eliminating any discomfort or pressure on your head even during extended usage. Frame design using elasticity and urethane cushion increases air permeability and adhesion and minimizes pressure.



Completion of Eyes Up Display

Optimal Eyes Up Display that allows you to view the monitor screen in front of your eyes and easily view the external environment.

Visionary Integration for Surgical Excellence

SCOPEYE New Band enhances medical staff's visibility, simplifies workflow, and elevates surgical outcomes.

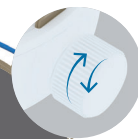
Wired/ wireless headlights

As an option, a lightweight headlight can be attached to the SCOPEYE, allowing you to see your subject more clearly with the ultra-lightweight 37g headlight.



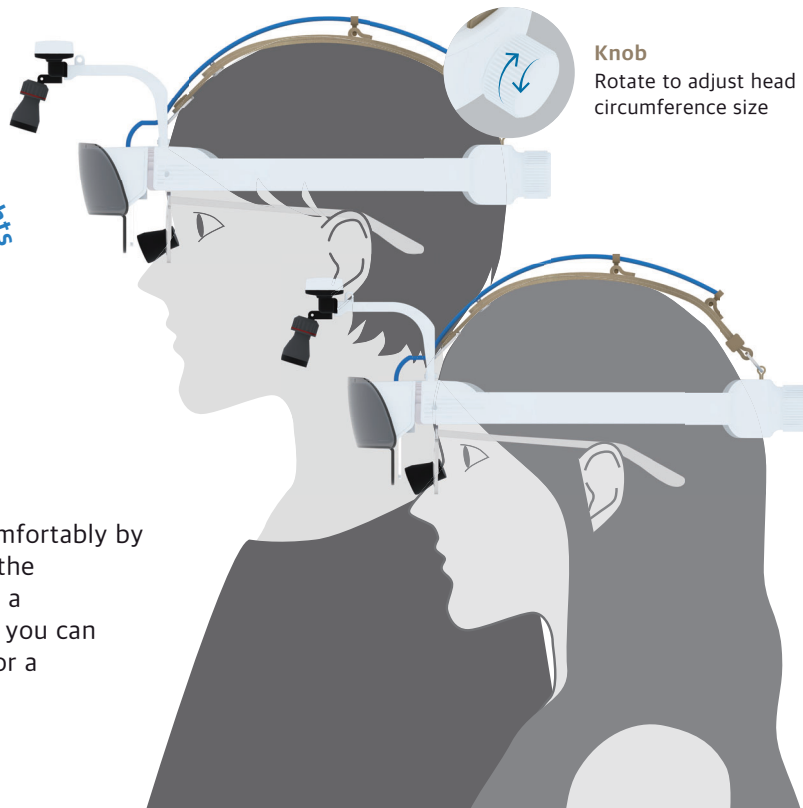
Comfortable Headband

Adjustable head circumference with pin-and-tuck closure



Knob

Rotate to adjust head circumference size



Can be worn easily

SCOPEYE New Band can be worn easily and comfortably by all doctors. Regardless of the size of the head, the circumference can be adjusted as desired. With a comfortable headband and an adjustable knob, you can easily customize the head circumference size for a perfect fit.



Fields of application

With SCOPEYE Series, all sorts of valuable images and videos can be seen in Eyes Up Display.



Medical

Through state-of-the-art technology, numerous video images in the operating room can be brought to the forefront without delay, increasing the accuracy and efficiency of the surgery.

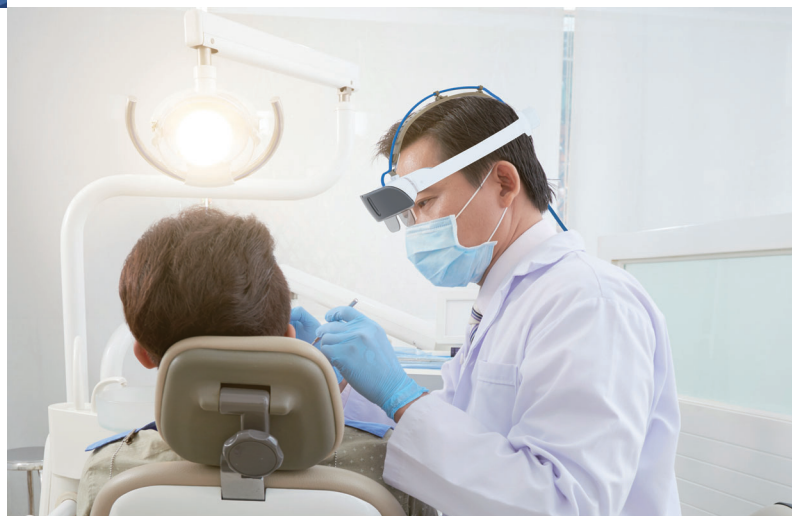
ex. Endoscopy, Microscopy, Portable Ultrasound, Surgical Robot, etc.



Dental

Compatible with intraoral scanners. 3D dental scan anywhere, anytime. Experience simple plug-and-play operation with SCOPEYE Series.

ex. Navigation, Intraoral scanner, etc.



Training and Education

SCOPEYE enables medical education centers to provide real-time images (2D/3D) of various aspects required for live surgery and distance education. SCOPEYE is of great help in improving professionalism by providing trainees with an experience similar to the actual operation of medical staff. In addition, SCOPEYE enables smooth communication between medical staff and trainees by providing various visual information in real time.



SCOPEYE®

Tech Specs

Optics Type : Bionocular
 Optics Tech : Light guide
 Form Factor : Detachable shader

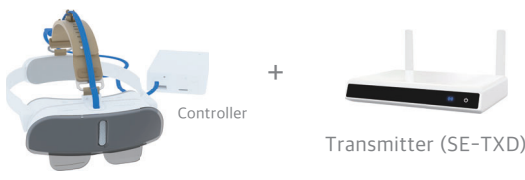
1080p FHD micro-display
 16:9 aspect ratio
 40° diagonal field of view

Battery : Lithium polymer battery 10,000 mAh
 Operation time : Approx. 3 hours
 Weight : 376g

Basic Package

- SCOPEYE
- Shader (5% / 15% / 35%)
- Pin
- Carrying case

PRODUCT LINE UP

Wireless	Wired
 <p>Controller + Transmitter (SE-TXD)</p>	 <p>3m cable + Multi Processor (SE-MP)</p>

Multi Processor (SE-MP)
 Images of various medical imaging equipment are transmitted to SCOPEYE seamlessly (multi-monitor function)



SPECIFICATION OF TX & SE-MP

Compatible input resolution	Input terminal of SE-TX series	Input terminal of SE-MP
640x480 720x576 1280x720 1280x960 1680x1050 1920x1080	SE-TXD: DVI SE-TXC1: BNC SE-TXC2 / TXC3: DVI	2D: HDMI x4 3D: HDMI L/R

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