SCOPEYE®

THE BEST VIEWING EXPERIENCE



CE FDA ISO 13485

SCOPEYE EUD

3D Microvision

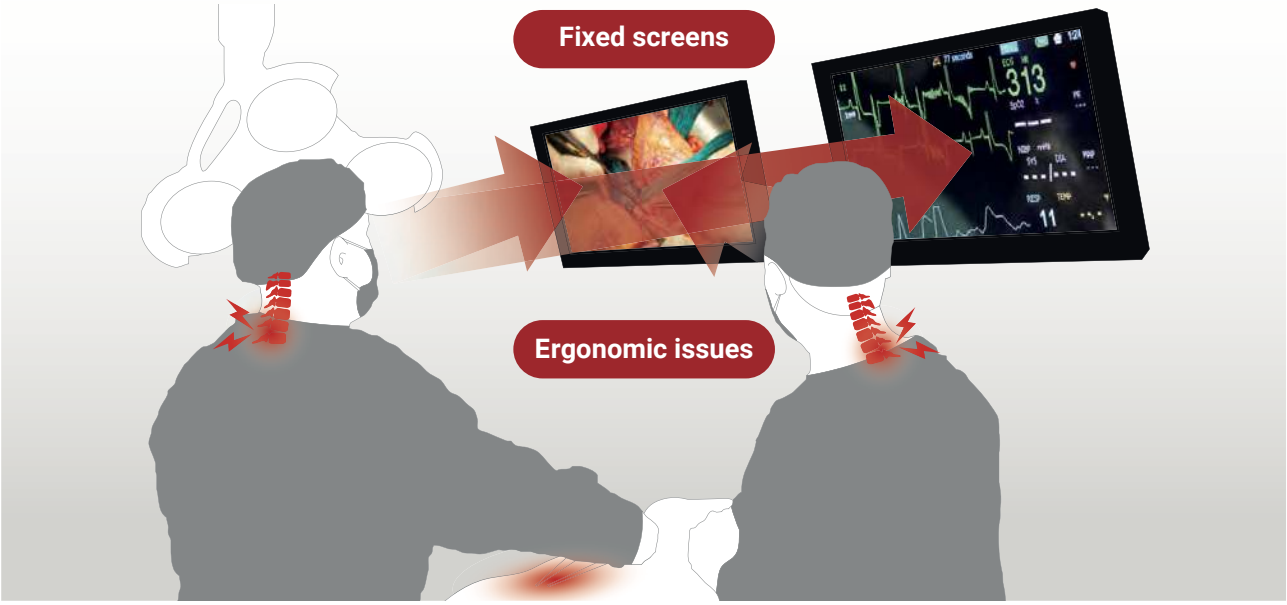
3D AddON

3D

Ronda MedTech

MediThinQ

Medical imaging display technology has been stagnant for decades



SCOPEYE®

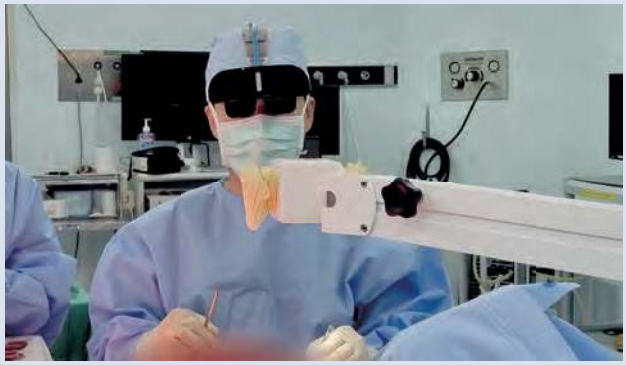
CE FDA ISO 13485

Solutions transform healthcare by integrating 3D visualization technology into medical workflows to improve patient outcomes and support surgeons with resources that prioritize efficiency, convenience, and accuracy.





Enhanced surgical precision with 3D imaging



Reduced fatigue and discomfort during surgery

SCOPEYE solutions for medical

SCOPEYE®
The world's best medical wearable display

SCOPEYE®
3D Microvision
The world's smallest high-performance 3D microscope







SCOPEYE®
3D AddON
Upgrade from other microscope to an advanced 3D microscope

Just Plug In

Compatible with any medical imaging device







No dizziness from 3D image



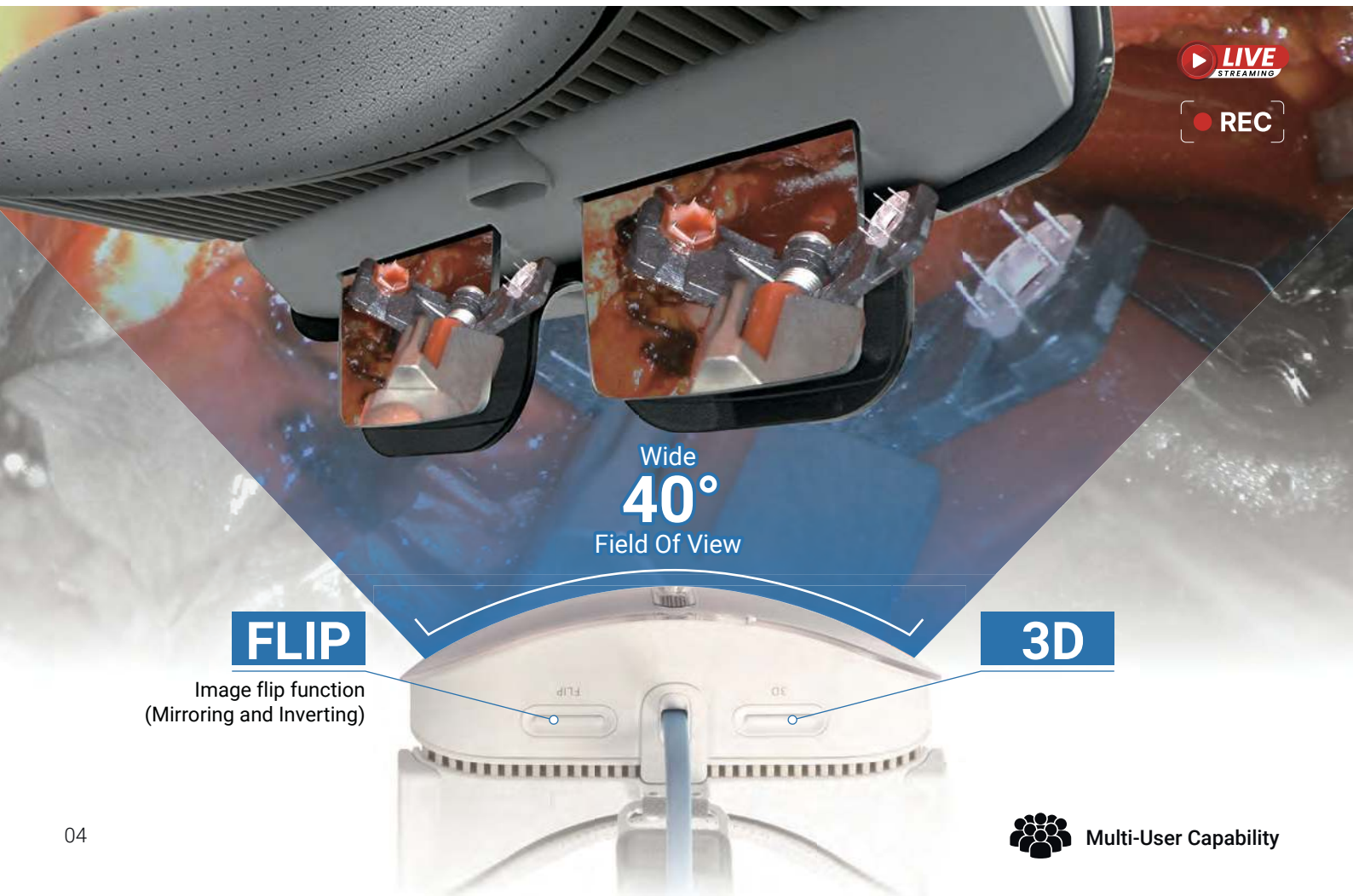
Efficient communication and collaboration



Enhanced surgical precision with 3D imaging

Precise 3D & Flip View

SCOPEYE supports both 3D and flip view function, empowering surgical teams to collaborate more efficiently in the operating room. With these features, surgeons can seamlessly switch perspectives and work with enhanced precision and efficiency during procedures.



Multi-User Capability

Reduced fatigue and discomfort during surgery

Comfortable Posture & Eye Movement

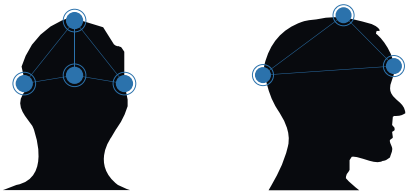
Surgeons can see the surgical site and the surrounding environment at the same time increasing the accuracy and safety of the operation with comfortable posture for surgeons during long duration procedures and surgeries.

No need to keep your eyes fixed on the eyepiece throughout the surgery/procedure

Ergonomic Design

SCOPEYE's ergonomic design prioritizes comfort through its lightweight glass(~410g) and breathable frame, reducing fatigue on the head and neck. Its design ensures extended use without strain, allowing users to focus on their tasks comfortably.

weight decomposition diagram



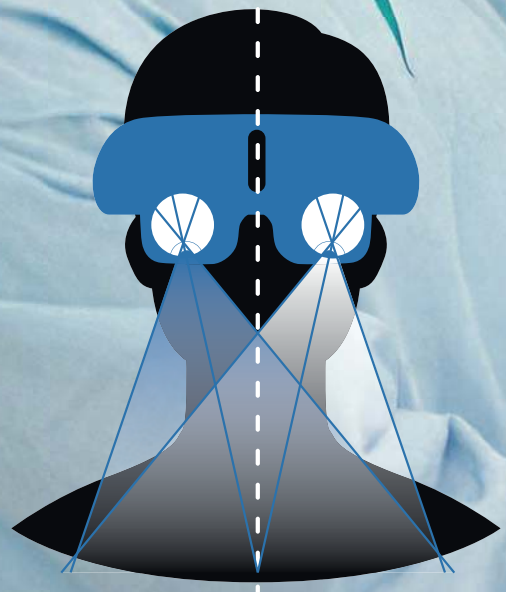
Back Side



No dizziness from 3D image

MediThinQ's innovative technology

Proprietary 3D imaging technology as a result of decades of research



Two separate optical

Enhanced image quality

SCOPEYE is designed to provide the same perspective to multiple users, ensuring that all viewers experience consistent and clear images, which is crucial for avoiding dizziness caused by mismatched perspectives.



Efficient communication and collaboration

Multi-User Capability

Allows up to 200 users to share the operator's perspective, allowing multiple experts to share the same 2D or 3D image in real time and work in the same field of view.
This allows all members to see contents together and make instant decisions.

3D LIVE STREAMING REC

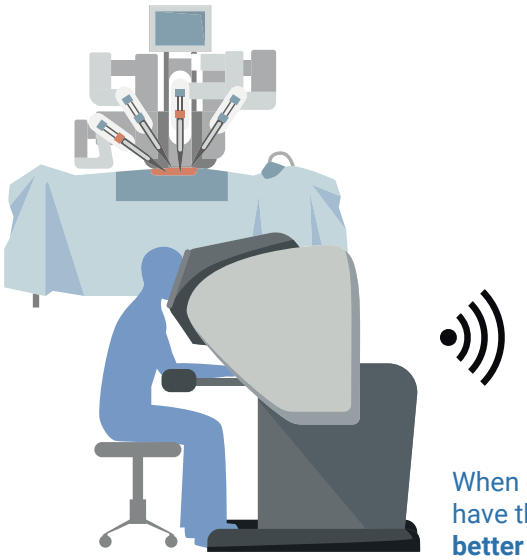
3D **Training** Solution

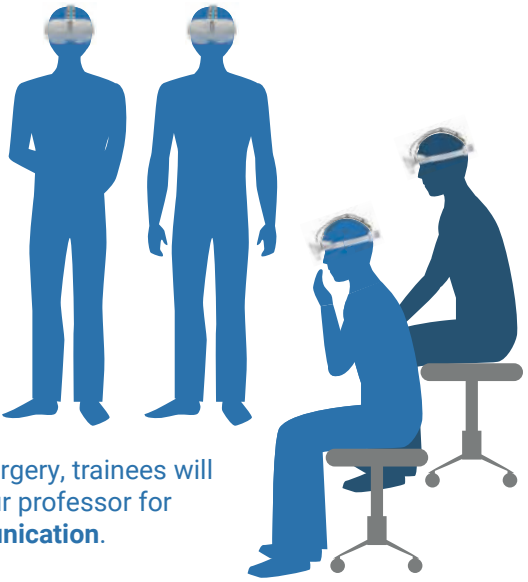
Using SCOPEYE, various aspects of images (2D/3D) can be provided in real-time for live surgeries and remote training at medical education centers.

SCOPEYE provides trainees with experiences similar to actual surgeries, greatly helping to enhance their expertise.

Additionally, SCOPEYE provides various visual information in real-time, enabling smooth communication between medical staffs and trainees.

3D LIVE STREAMING REC **Multi-User Capability**





When observing robotic surgery, trainees will have the same view as your professor for **better training and communication**.





ARCCS Congress

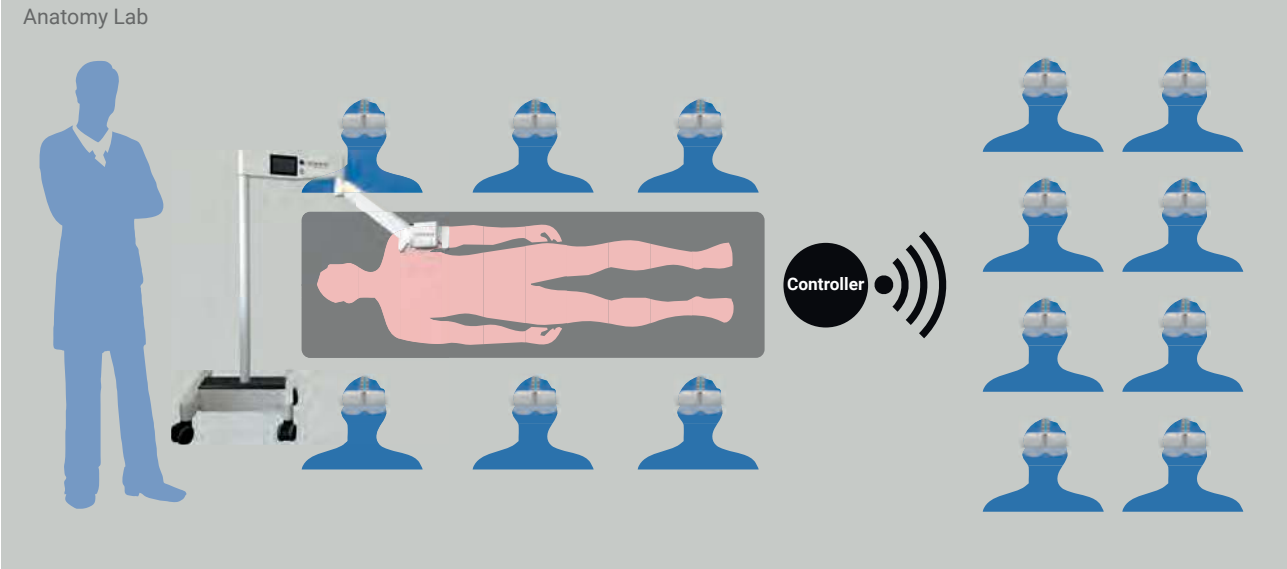
3D **Education** Solution

3D system specialized for anatomical Education

Professors and students can use 3D video to provide an immersive experience similar to the actual procedure/surgery to improve anatomical understanding and enhance training outcomes.

With the 3D Microvision solution, students can experience the same perspective from anywhere.

- Classroom: 8 × SCOPEYE 3D Microvision, Wired SCOPEYE
  ⇨ **50~200 trainees**
- Anatomy lab: 1 × SCOPEYE 3D Microvision, wireless SCOPEYE
  ⇨ **14~112 trainees**



When adding a LAN hub with the same system up to 200 trainees can receive the same **video during training**.

3D LIVE STREAMING REC **Multi-User Capability**



CE FDA ISO 13485 3D LIVE STREAMING REC Multi-User Capability

SCOPEYE®

The world's best medical wearable display



- Precise 3D & Flip view function
- Light Weight for ERGONOMIC DESIGN
- Wider Field of View : 40°
- Plug & play any 2D/3D High-resolution Medical equipment



Exceptional Image Quality

High quality lenses:
SCOPEYE binoculars are equipped with advanced lenses that deliver **clear and sharp image.**

CE FDA ISO 13485 3D LIVE STREAMING REC Multi-User Capability

SCOPEYE®

3D Microvision

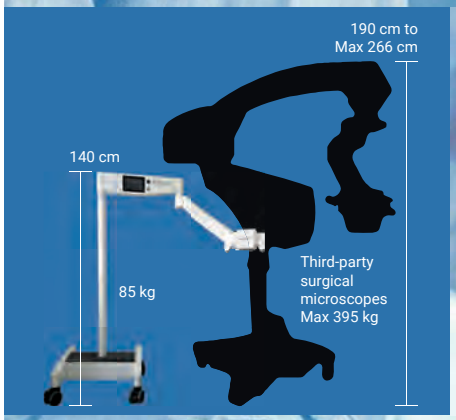
The world's smallest high-performance 3D microscope



- Featuring a sleek, minimal design and excellent mobility at a height of 140 cm
- Up to 20x zoom
- Significantly deeper focus than a typical microscope for a perfect view
- Use the footswitch to zoom and focus

GERMAN OPTICAL TECHNOLOGY







No need to put your eyes on the eyepiece during the entire operations or procedures.





CE FDA ISO 13485 3D LIVE STREAMING REC Multi-User Capability

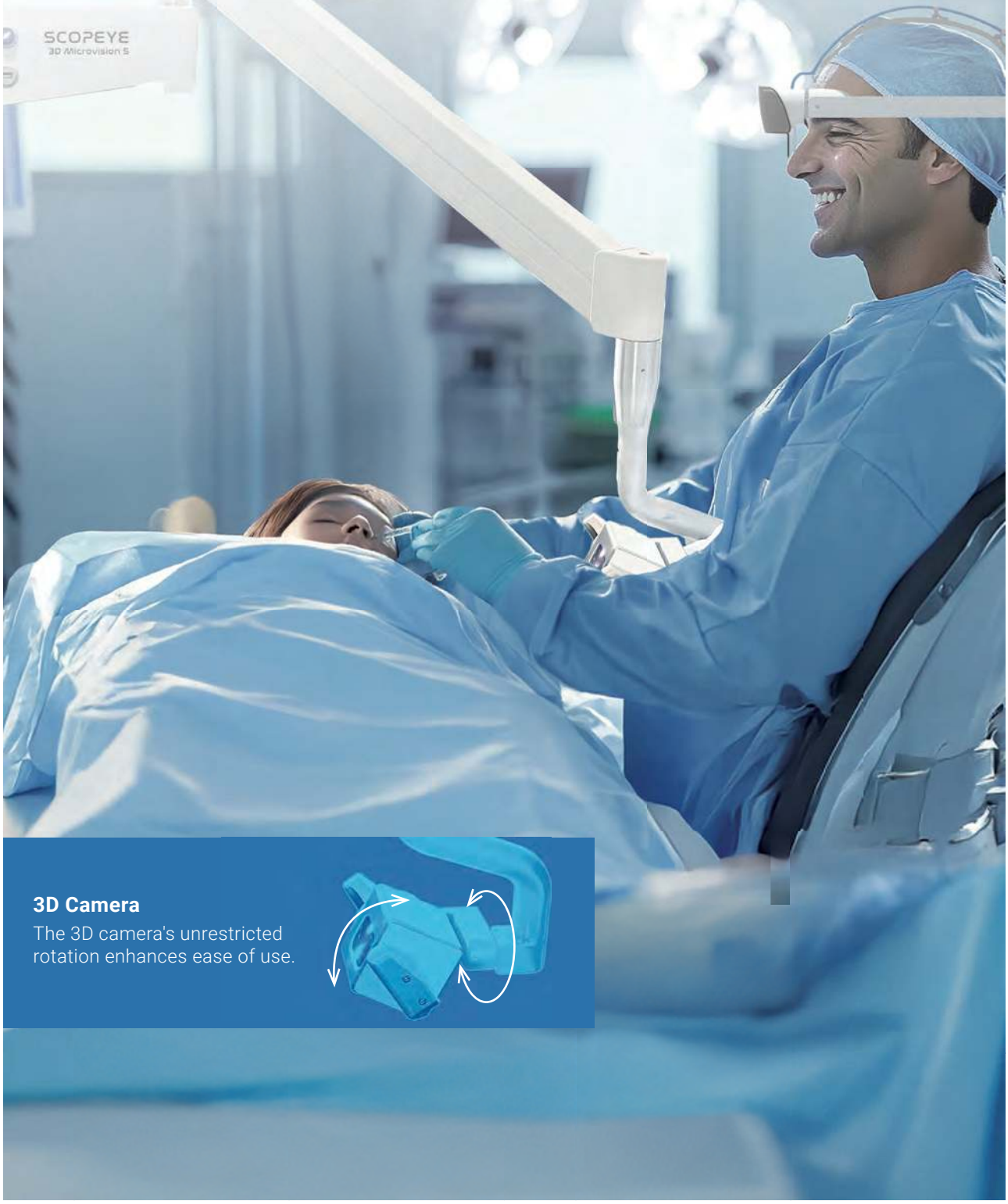
SCOPEYE®

3D Microvision S

The world's smallest high-performance 3D microscope

GERMAN OPTICAL TECHNOLOGY

The unparalleled flexibility of the 3D Microvision S allows surgeons to **perform procedures that were once considered impossible**.



3D Camera

The 3D camera's unrestricted rotation enhances ease of use.

CE FDA ISO 13485 3D LIVE STREAMING REC Multi-User Capability

SCOPEYE®

3D AddON

Korean IT Technology
&
German Optical Technology

Upgrade from other microscope to an advanced 3D microscope

- Connect your current 2D microscope with an innovative optical divider to upgrade to a 3D microscope
- Easily adapt to any microscope (ZEISS, Leica, etc.)



Optical divider



Easy to set up

Connect the camera part (optical divider) to the mount and tighten the screws to secure it.

Just Plug In

Compatible with any medical imaging device



Wireless





Transmitter

- Input: DVI (Max. 1920 × 1080)
- Output: DVI (pass-through, Max. 1920 × 1080)

- **Maximum 2 SCOPEYE wireless can be connected**



Receiver
Rechargeable battery packs

Wired





Multi Processor (3D Combiner)

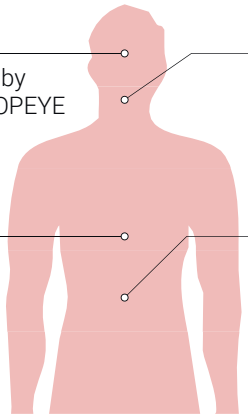
- Input: 3D Left/Right(1920 X 1080), 2D (3840 X 2160)
- Output: 3D (Side by Side, 1920 X 1080), 2D (3840 X 2160)

- **Maximum 2 SCOPEYE wired can be connected**



3m cable
*Option: 6m cable

Fields of Application



Navigation

Concentrate on operation or procedures by checking navigation images through SCOPEYE

Robotic Surgery

Improve operational efficiency by precise communication and collaboration

Endoscopy, Interventional Surgery

SCOPEYE can improve efficiency and ergonomics

Training and Education

Fosters group learning by providing opportunities for multiple trainees to view live or recorded surgeries

With SCOPEYE solution, you can view various medical images in real-time right in front of your eyes.

SCOPEYE EUD(Eyes Up Display)



Application	Department
Education	All fields
Training	All fields
Robotic Surgery	General Surgery
	Thoracic Surgery
	Obstetrics and Gynecology
	Orthopedics
	Neurosurgery
	Urology
Intervention	Radiology
	Cardiology
	Neurosurgery
	Neurology
	Vascular surgery
Navigation	Orthopedics
	Neurosurgery
	Cardiovascular surgery
	ENT
	Plastic surgery
Endoscopy	Gastroenterology
	General Surgery
	Thoracic Surgery
	Neurosurgery
	Urology
	Colorectal surgery
	Hepatopancreatic surgery
Intra Oral Scanner	Dentistry

SCOPEYE 3D Microvision



Application	Department
Education	All fields
Training	All fields
Microsurgery	Plastic Surgery
	Neurosurgery
	Orthopedics
	Dermatology
	Dentistry
	ENT

SCOPEYE®

Tech Specs

SCOPEYE EUD(Eyes Up Display)

The world's best medical wearable display



Optical Type: Binocular
Optical Technology: Light guide, Top to down display

1920 x 1080P Micro-Display
40° FOV (Field of View)

Weight: 410 g

Basic Pakage: SCOPEYE EUD , Detachable Shader(Transparent/5%/15%/35%), Pin, Carrying case

SCOPEYE 3D Microvision series

The world's smallest high-performance 3D microscope

GERMAN OPTICAL TECHNOLOGY

Maximum illumination 25 klx (distance 250 mm)
10× optical zoom, 2× digital zoom, Autofocus
Camera resolution: 3D FHD

Overall dimensions: 550(L)mm × 580(B)mm × 1400(H)mm
Head dimensions: 170(L)mm × 90(B)mm × 90(H)mm (including handle)

Package: SCOPEYE 3D Microvision, Foot Switch, (Optional: cross polarization filter)



3D Microvision



3D Microvision S

3D AddON

Upgrade from 2D microscope to advanced 3D microscope

Korean IT Technology
German Optical Technology

Optical divider
It differs based on the microscope system in use: ZEISS, Leica, Nikon, Olympus, etc.
Weight: 906 g

Control unit
Video Input: 1× circular connector
Video Output: 2× USB-C for SCOPEYE, 2× HDMI (3D - for recording, 2D - for monitor)
Dimensions: 317(L)mm × 107(B)mm × 39.6(H)mm
Weight : 710 g



Package: 3D AddON (Optical divider + Control Unit)

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