



# Octopus

Connecting Medical Brains

SIMPLE IS ALWAYS THE BEST

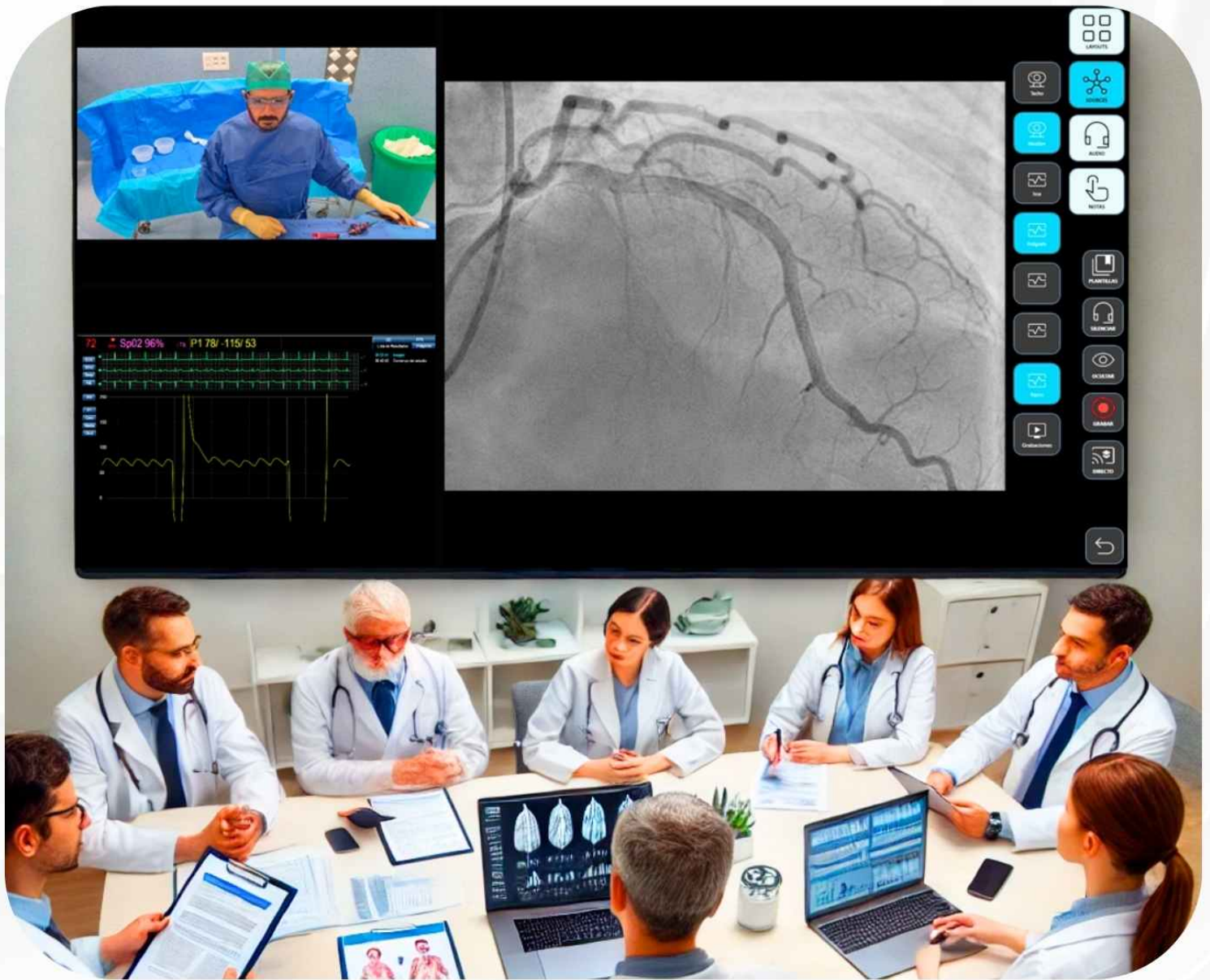


# What is Octopus...

Octopus is an intelligent, integrated, cloud-based and local video solution that facilitates live streaming, recording and real-time interaction between physicians and other healthcare professionals.

It is also a powerful tool for sharing medical knowledge between all professionals in the healthcare sector and being able to create a great virtual medical academy.





# About Development

Octopus was born and developed by interventional cardiologists in response to the need for a better way to disseminate knowledge. Together with our group of engineers, we have developed a simple-to-use system that takes advantages of all the power of today's information technology and multimedia.

The result is a system designed by physicians for physicians and healthcare personnel, minimizing interaction for easy use and comfort in its execution, from capturing images directly from the desired equipment, remotely controlled robotic high-resolution cameras combined with a clear, clean and comfortable audio system make transmission and recording a simple and very efficient task.



zoom



Microsoft Teams



Google Meet



123 ANYWHERE ST.,  
ANY CITY

Octopus can be anywhere, just connect to internet and you can transmit all your patient case to anywhere in the world, even inside the Hospital, do remote proctoring, courses, conferences etc.



# Overview

## CONNECTIVITY

Connecting Doctors Live from the Lab or  
Operating Room

## INVESTMENT

For education and KOL

## CREATING NETWORKS

Collaboration between doctors

## SHARING KNOWLEDGE

Improve knowledge in the medical community

# Our Software Key Features...



## Customizable Layouts

Predetermined and user-editable layouts, tailored to your needs

1

## Cutting-edge Technology

Latest generation cameras remote control with high precision zoom and high sensitivity to obtain the best images

2

## Effective Communication

Headphones with high-quality microphone and battery life of more than 8 hours, offering two way communication without interruptions

3

## Intuitive Tools

Easy to use markers for editing drawing, text over the images to highlight the most important details

4



## Data Security

Anonymization of patient data to maintain privacy and security

5

## Storage Capacity

Over 1200 hours of recording in 1080p Full HD (H264), ensuring not to lose any data or details during transmission

6

## Streaming Flexibility

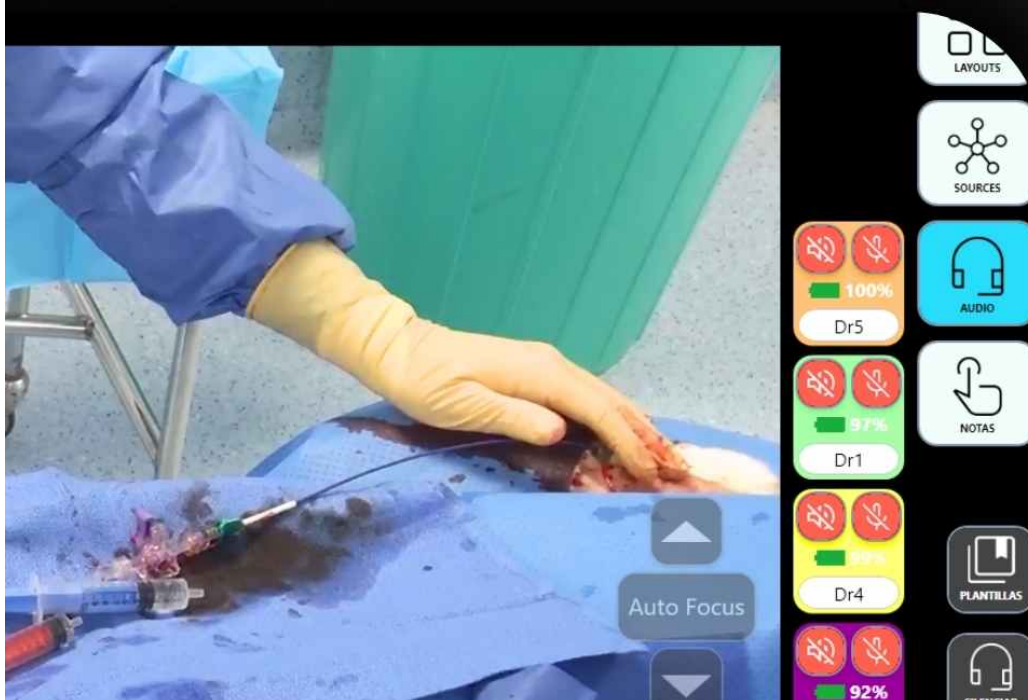
Live Streaming via ZOOM, Teams, Google Meet, WebRTC, SDI, Online and locally

7

## Professional Quality

Proprietary professional productions software easy to use for quick and and high quality visual transmission

8



# Technical Specifications....



## Computer

Intel Computer i7 Processor, Ultra high Definition Video Card, SDD



## Touchscreen

Touch control screen 23": with mouse and keyboard for intuitive operation of the system



## Cameras

Video Cameras: 2 x OptopusCam Full HD with remote control (Zoom / Pan / Tilt) and 30x Zoom



## Video Inputs

Up to 8 video inputs SDI / HDMI / DVI / VGA



# Technical Specifications....

## Audio System

Up to 5 High quality headphones including microphone for two ways communication also speakers can be install in the room



## Security Features

Anonymized patient name, security storage protocol, password entry level protection



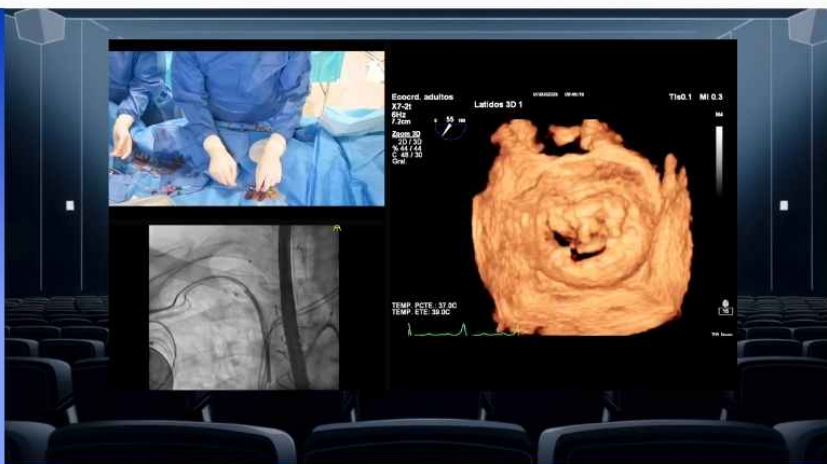
## Proprietary Software

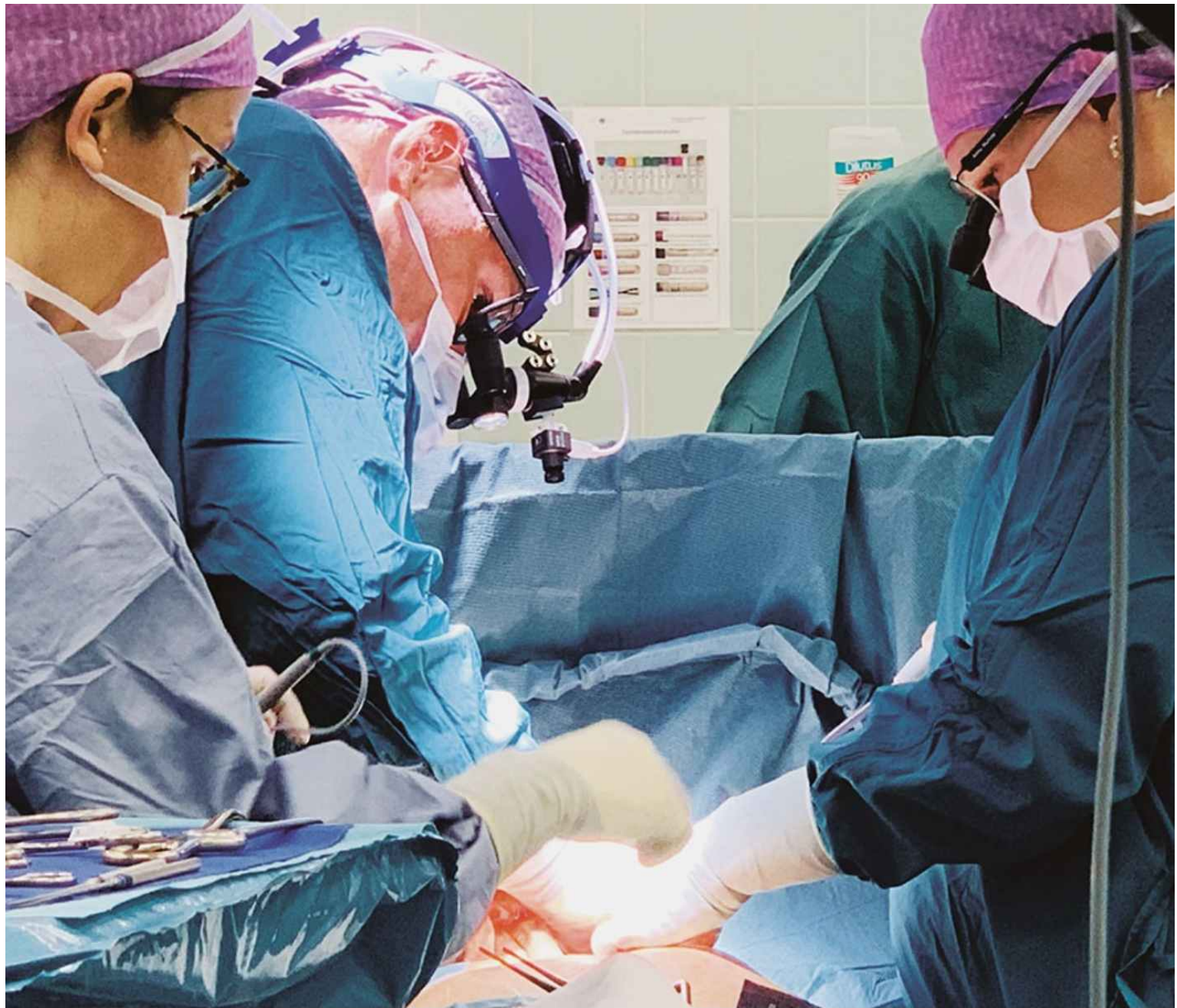
Proprietary Octopus Cathmed Software Licence



## Internet Transmission

Zoom, Teams, Meet, or WebRTC streaming and direct SDI Output for local network and internet streaming





# Integrated 4k Mini Camera

1

Allows the installation of a high-resolution mini camera to obtain more detailed and precise images of the surgical field.

2

Several mounting options:

- Glasses
- Surgical Lamps
- Arms
- Brackets
- etc.

3

Any speciality:

- Cardiac Surgery
- Cardiovascular Surgery
- Neurosurgery
- General Surgery
- etc.



## Technical Specifications:



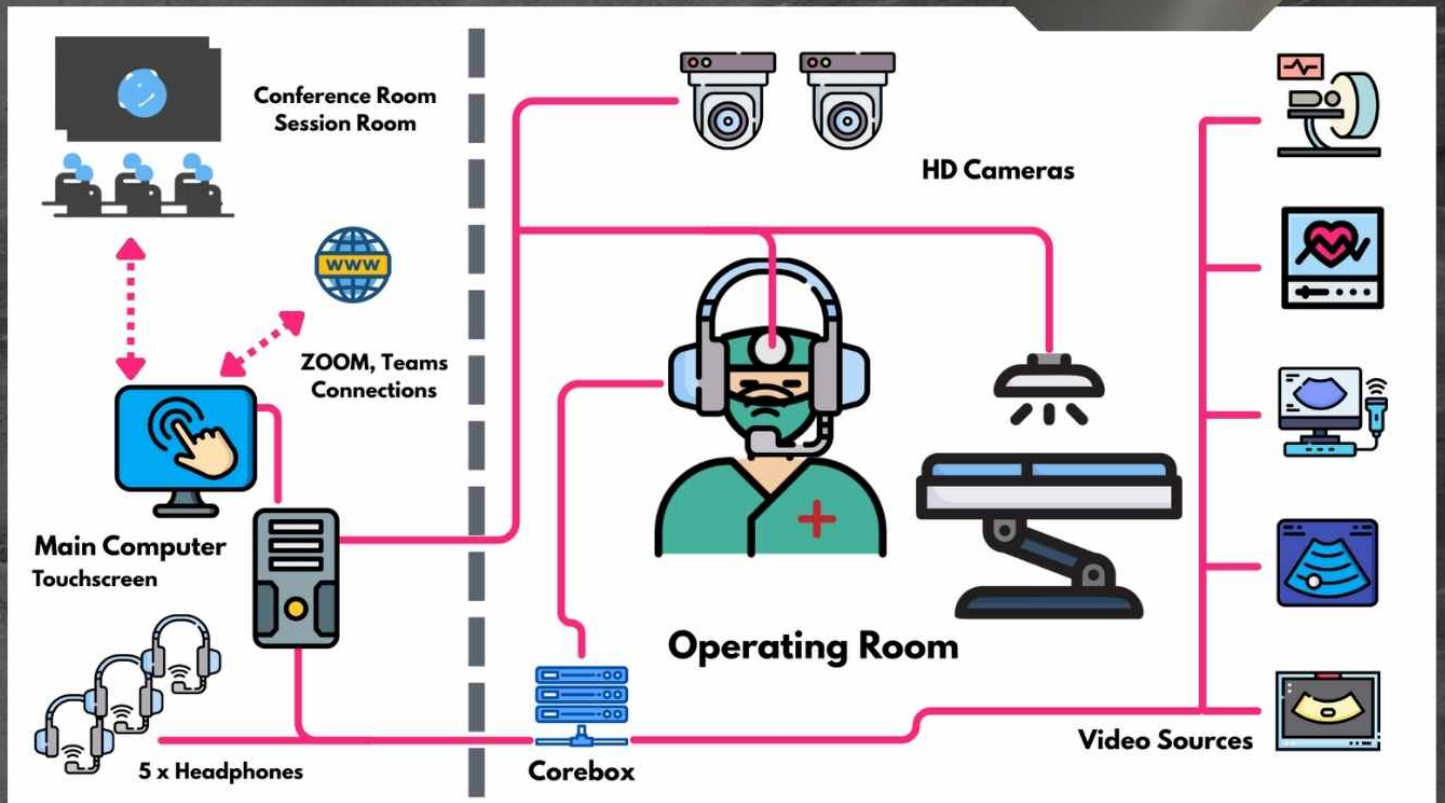
### Manual Focus Eyeglass Camera:

- Sony Manual Focus Lens
- Up to 8.3 MP 4K
- Aluminum
- 30mm x 20mm x 22mm
- 14 Grams
- Micro USB connector on camera 8, 16, 25, and 35mm lens options
- For eyeglasses, headbands, and flexible arms

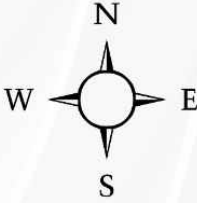
### Camera for glasses or other mounts with autofocus

- Sony autofocus lenses
- Up to 8.3 MP 4K
- Aluminum
- 40mm x 22mm x 27mm
- 37 grams
- Micro USB connector on camera
- 25mm and 16mm lens options
- For lamps, glasses, headbands, and flexible arms, etc.

# Installation



# Fix or Mobile Installation....



# Contact Information

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