



Robotics

Anything is Possible!

STAR 3D 3D Augmented Reality Endoscopy & Microsurgery System



Universal 3D Endoscopy & Microsurgery System for All Surgical Disciplines

STAR 3D | 3D AUGMENTED REALITY ENDOSCOPY & MICROSURGERY SYSTEM

THE BIGGEST BREAKTHROUGH IN ENDOSCOPY & MICROSURGERY!

The STAR 3D Endoscopy & Microsurgery System is a Multi-Disciplinary Innovative 3D Endoscopy & Microsurgery Solution, Enhanced with 4K Endoscopy Camera. 120" High Magnification See Through Augmented Reality Glasses, and Artificial Intelligence, wherein the Surgeons can Perform the Endoscopy Procedure under Enhanced Stereoscopic 3D Vision and Also use, its AI and AR features to improve the outcome of the procedure. The system can be useful for surgeons in multiple surgical disciplines like ENT, Orthopedics, Gynecology, Laparoscopy, Neurosurgery, Dental, Genito-urinary Surgery, ETC.



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Surgeons Benefits:

- Stereoscopic 3D depth perception
- Better clarity of the complex surgical anatomy scenarios
- Enhanced Up-to 2K Video
- 100 inches Big Virtual Screen
- Up-to 16 X Digital Zoom gives great magnification
- Better and Improved Hands-Eye Coordination
- Intra-operative Artificial Intelligence Features
- Pre-operative and Intra-operative Augmented Reality Analysis of Important Findings
- Additional 3D Analysis Widget in a Separate Window for Better Analysis of the Anatomical Structures
- Removes Postural Fatigue
- Removes Eyes Strain while performing microsurgery
- Single Click Recording and Snapshots
- Easy White Balance and Color Balancing for Better Visualization
- Voice Commands for Hands-Free Controls
- Completely Portable and Easy to Carry Anywhere
- Universal- Fits all Rigid Endoscopes and Fiberscopes

Patient Benefits:

- Improved clinical outcomes
- Safer operation
- Increased satisfaction
- Reduced discomfort
- Shorter operation time



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STAR 3D

Augmented Reality 3D

Endoscopy & Microsurgery System

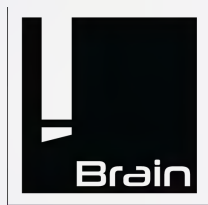


- 3D Endoscopy & Microsurgery
- Augmented Reality
- High Resolution 4K Camera
- Up-to 16 X Digital Zoom
- Additional Anaglyph 3D Feature
- Completely Portable
- 3D Analysis
- Single Click Recording
- Single Click Snapshots
- Voice Commands for Handsfree Controls
- White Balance and Color Balance
- Universal: Fits all Endoscopes and Fiberscopes

Salient Features of STAR 3D System

UNPARALLELED 3D PERFORMANCE !

- STAR 3D is the First and Only 2K-3D Endoscopy System with See Through Augmented Reality Glasses
- Unparalleled Crystal Clear 2K High Acuity Vision
- Switch between 2D and 3D as per your convenience
- Switch between Conventional Monitor or Augmented Reality Glasses as per your convenience
- Can connect up-to 8 AR Glasses at the same time to be used by multiple surgeons
- Stream the procedure wirelessly outside the Operation theater within 150 feet diameter of the OR.
- Separate controls for AR Screen and Display Monitor
- Provision for unlimited audience to see the procedure in 3D through separate Anaglyph streaming. Record your procedure in both 2D and 3D. Take snapshots of important events of your procedure



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STAR 3D Portable Endoscopy & Microsurgery System



Carry it **Everywhere** Along With You

PORTABLE AND EASY TO CARRY

Why get stuck with the Messy Cables and Large Foot -print Endoscopy Towers, when STAR 3D can provide Enhanced Technological Features in 1 Small Carry Case?



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Comfortable, Convenient & Precise

3D Augmented Reality

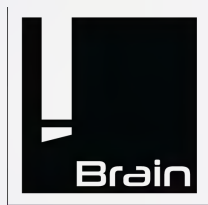
Endoscopy & Microsurgery



**3D Depth Perception, Up-to 16 X Digital Magnification,
2K Resolution, 120" Big Display**

COMFORTABLE, CONVENIENT AND PRECISE

Switch to the 21st Century Technology for Better 3D Depth Perception, Comfort, Convenience and Features with an Advantage of Enhanced Augmented Reality.



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One System for ALL Surgical Disciplines

ENT



Ophthalmology



Orthopaedics



Urology



Neurosurgery



Gastrology



Surgery



Dental

**Universal Design and Compatibility to
Suit All Surgical Disciplines**

UNIVERSAL DESIGN AND COMPATIBILITY

The Unique and Innovative Design of STAR 3D makes it a Single System that can be used for both Endoscopy as well as Microsurgery for almost all the Surgical Disciplines, saving hundreds of thousands of US Dollars in buying expensive equipment for different surgical disciplines.



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STAR 3D

Augmented Reality 3D Endoscopy System



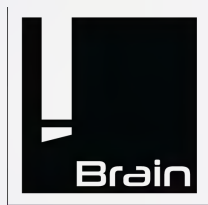
Use your Existing Ones or Purchase the STAR 3D Scopes

STAR 3D

Universal | Fits any Rigid or Flexible Fiberscope

UNIVERSAL COMPATIBILITY

The STAR 3D Endoscopy System is compatible with All Rigid Endoscopes and Fiberscopes. You can either use your existing scopes or upgrade to the STAR 3D Endoscopes, Fiberscopes or Video Endoscopes.



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UNIVERSAL COMPATIBILITY

The STAR 3D Endoscopy System is compatible with All Rigid Endoscopes and Fiberscopes. You can either use your existing scopes or upgrade to the STAR 3D Endoscopes, Fiberscopes or Video Endoscopes.



STAR 3D VISUAL DISPLAY OPTIONS



55" Large Screen



15" Laptop Screen



120" Virtual Screen



Seamlessly switch between 3 Display Options as Per Convenience



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UP-TO 4K RESOLUTION 2X ZOOM CAMERA

STAR 3D is the First and Only 3D Endoscopy System equipped with 2K Camera and Up-to 16 X Digital Zoom, that provides unmatched picture and video quality along with a High Magnification, enabling visibility of the minutest of details, while performing the Endoscopy Procedure.

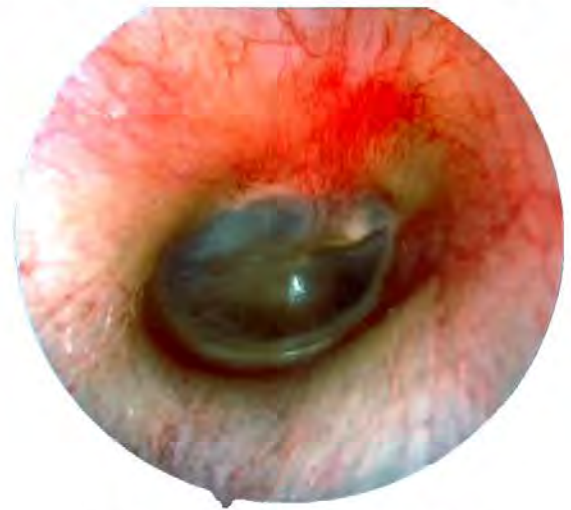
2K Camera with Up-to 16X Digital Zoom

Standard Resolution Camera



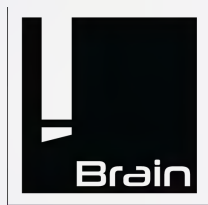
Without Zoom

2K Resolution Camera



Up-to 16 X Zoom

Large Magnification and Better Resolution for More Details



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EASY WHITE BALANCE AND COLOR BALANCING FOR PERFECT PICTURE

The STAR 3D Endoscopy Systems' easy to use Hands-Free Controls, allows the surgeons to manage the White and Color Balance settings in a way to provide the Best Picture and Video Quality for a Great Endoscopy Experience.

Colour & White Balancing



White Balance	_____
Colour Balance	_____
Saturation	_____
Brightness	_____

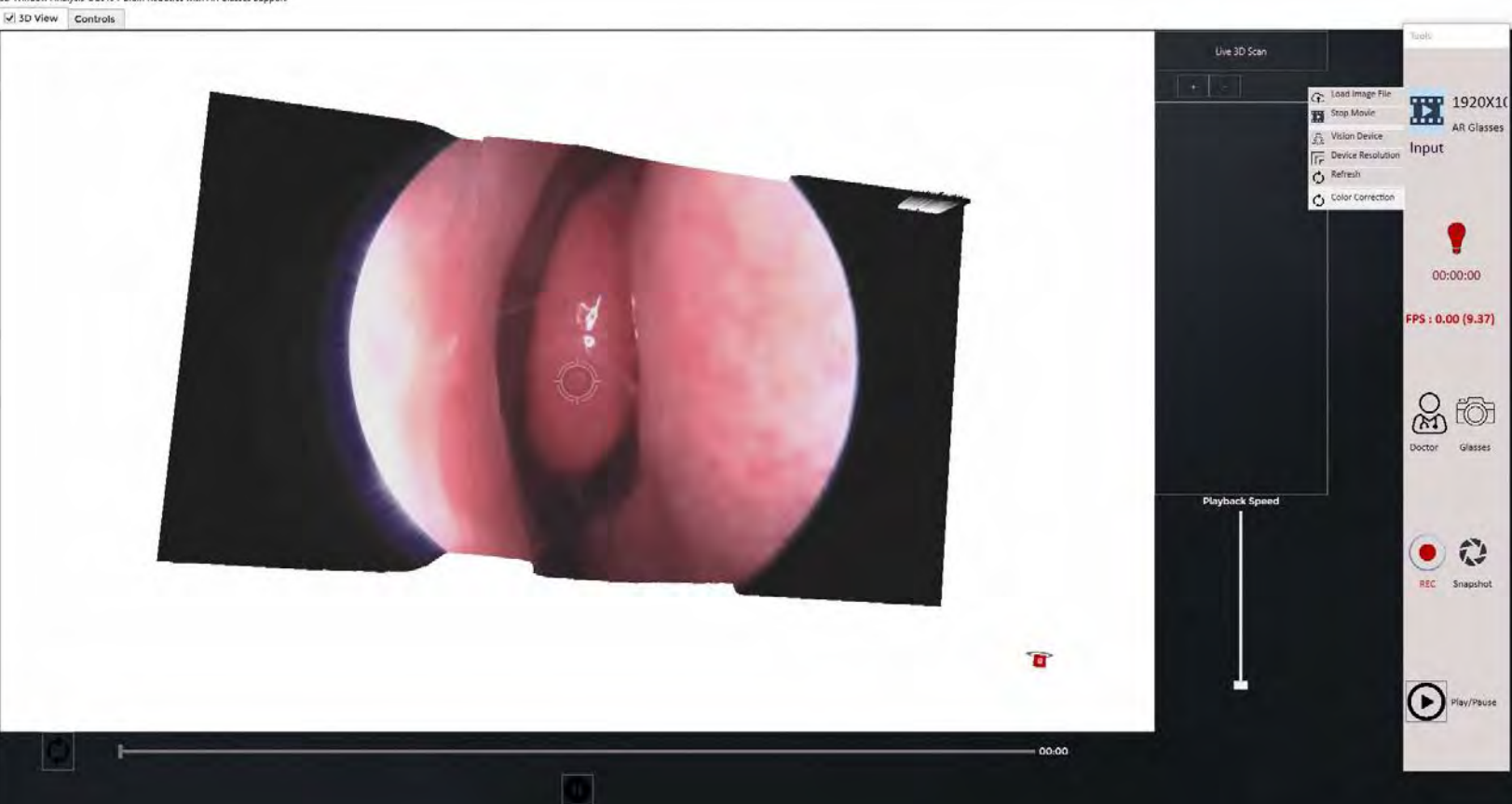
Hands-Free Controls for Color and White Balancing

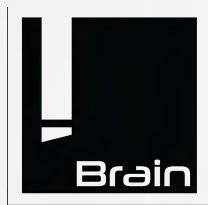
VISUALIZE THE ANATOMY IN 3D FOR BETTER DIAGNOSTICS!

The STAR 3D Endoscopy System is the only Endoscopy System to allow Surgeons to Stream the Live Endoscopy Feed in 2D, 3D and Also a 3D Analytical Screen.

This provides the surgeon with the ease of switching between these windows and enabling the surgeon to perform detailed 3D Analysis of important Anatomical findings during the procedure.

3D Window Analysis © 2019 - Brain Robotics with AR Glasses Support





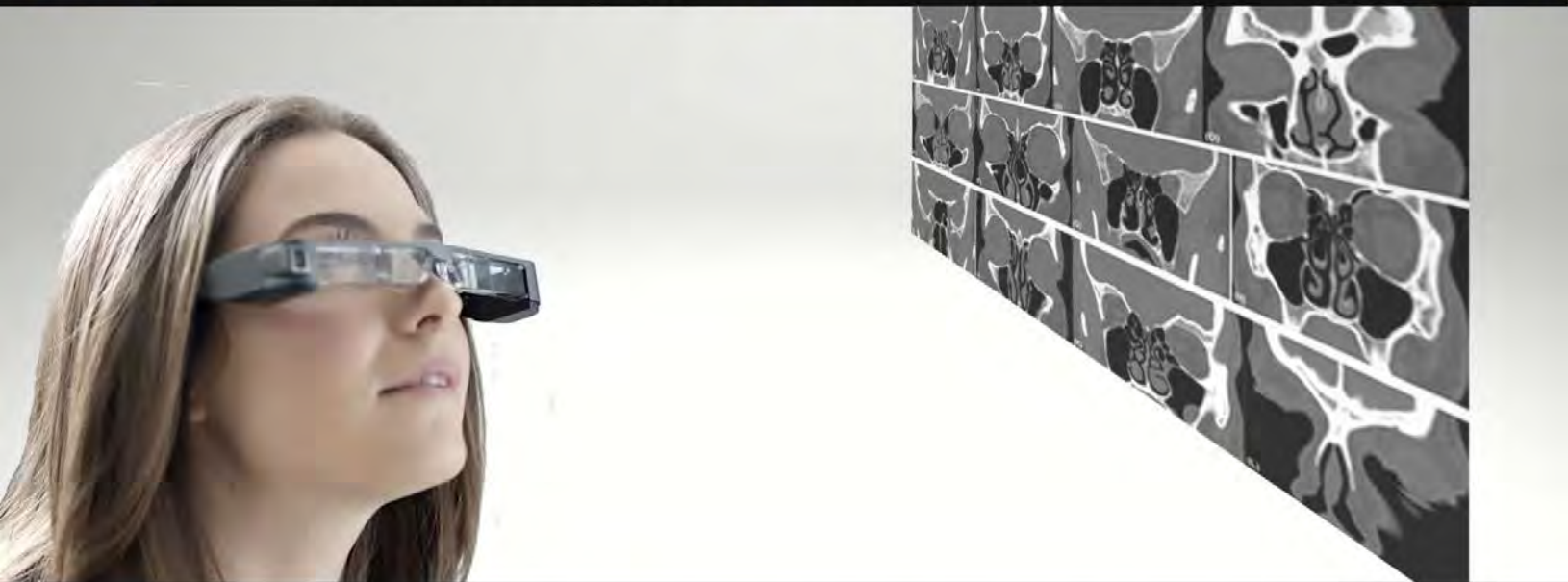
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AUGMENTED REALITY FEATURES TO ENABLE SURGEONS SEE THE FINDINGS ON THE GO

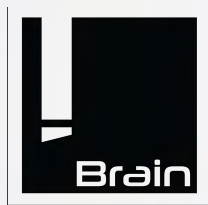
STAR 3D Endoscopy Systems' Augmented Reality Features helps the Surgeons in viewing the Lab, Diagnostic Imaging, Vitals and other Data before or while performing the procedure on a 120 " Floating Virtual Screen, all by simple voice commands.



Intra & Pre-Op Analysis Augmented Reality 3D Endoscopy System



Floating Display of Diagnostic and Vital Findings



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STAR 3D

Augmented Reality 3D Endoscopy System



Record Procedure



Take Snapshots



Playback Recordings



Voice Commands



Report Creation



Data Storage & Retrieval

Large Magnification and Better Resolution for More Details

User friendly interface

- Hands-Free Machine Talk Technology
- Take Screenshots and Record your Procedure with Voice Commands
- Note Important Findings during the Procedure through inbuilt MRNS Software
- Narrate and Record important steps of the Procedure
- Intuitive navigation menu for one-click adjustments
- Instant playback
- Can project multiple 3D displays
- Platform allows continuous improvements through Software upgrades



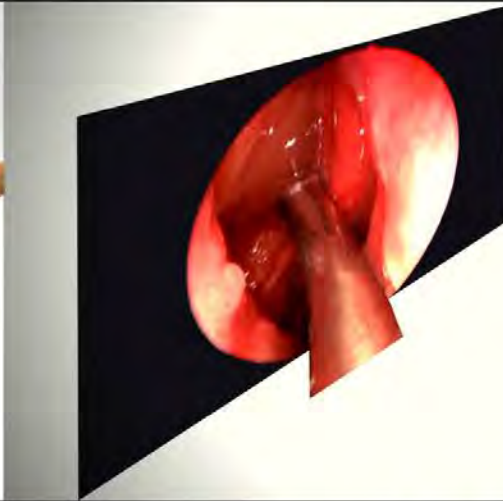
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STAR 3D

3D Augmented Reality Endoscopy & Microsurgery System

3D Depth Perception, 16 x Magnification 4K Resolution, 120" Big Display



Wireless | Portable | Record Video | Snapshot | Voice Commands
For All Surgical Disciplines

CONTACT DETAILS

Get in touch with us! We would like to hear from you.

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