



# Robotics

Anything is Possible!

## STAR 3D | 3D Endoscopy System with Augmented Reality



3D Depth Perception



See Through Augmented Reality



Machine Talk Technology



Big Visualization Screen



One Solution Suits All Surgical Disciplines



Multiple Users Compatibility



Up-to 10 Times Cheaper

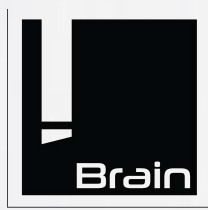


Quick Return of Investment

Universal , One System Suits All Surgical Disciplines |  
Augmented Reality and Machine Talk Enhanced 3D Endoscopy

### THE BIGGEST BREAKTHROUGH IN ENDOSCOPY!

The STAR 3D Endoscopy System is an Innovative Solution that enables surgeons to pair their existing endoscopes with it and convert the conventional 2D streaming video on a regular monitor, to Full High Definition Crystal Clear 100 inches, Virtual Stereoscopic 3D Streaming video on 'See Through Augmented Reality Glasses'. The system can be useful for surgeons in multiple surgical disciplines like ENT, Orthopedics, Gynecology, Laparoscopy, Neurosurgery, Dental, Genito-urinary Surgery, ETC.



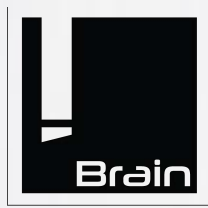
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### **Surgeons Benefits:**

- Improved depth perception
- Better clarity of the complex surgical anatomy scenarios
- 100 inches Big Virtual Screen
- No need to look at the display monitor
- Simultaneous visualization of surroundings as well the surgery feed
- Better and Improved Hands-Eye Coordination
- Switch between 2D and 3D as per your convenience
- Switch between Conventional Monitor or Augmented Reality Glasses as per your convenience
- Integrated Software Allows the Surgeon to Make Notes about important Aspects of the procedure with Images and Text.

### **Unparalleled 3D Performance !**

- 1 System Suits All Surgical Disciplines
- Use it with your existing endoscopes
- No need for additional Hardware
- Up-to 10 Times cheaper than existing 3D Endoscopes
- Connect Multiple AR Glasses at the same time to be used by multiple surgeons
- 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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## 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

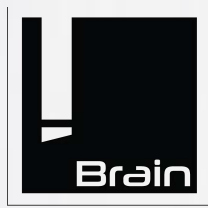


## STAR 3D

### Augmented Reality 3D Endoscopy System



Universal 3D Endoscopy System for All Surgical Disciplines  
Plug and Play | Use it with Your Current Endoscope



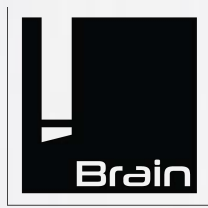
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## Augmented Reality Glasses

- Model Type: Si-OLED (Silicon-Organic Light-Emitting Diode)
- Power Supply Voltage Controller: 5 V/900 mA via Micro USB terminal
- Battery Life: Approx. 6 hours
- Weight Headset: 2.5 oz / 69 g (excluding cable)
- Power Supply Voltage AC Adapter: 100 – 240 V AC  $\pm 10\%$ , 50/60 Hz with Micro USB cable
- Battery Type: Li-Polymer
- Dimensions Headset: 7.52" x 7.01" x 0.98" (W x D x H)
- Dimensions Controller: 2.20" x 4.57" x 0.91" (W x D x H)
- Weight Controller: 4.55 oz / 129 g







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## Augmented Reality Glasses

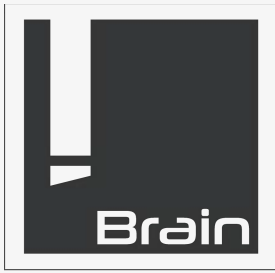
### Optical:

- Driving Method: Mono Crystalline Silicon Active
- Matrix
- Display Size: 0.43"-wide panel (16:9)
- Pixel Number: 921,600 pixels (1280 RGB x 720)
- Refresh Rate: 30 Hz
- Field of View: 23 degrees (diagonal)
- Screen Size - Projected Distance: 40" at 2.5 m –  
• 320" at 20 m
- Color Reproduction: 24-bit color (16.77 million colors)

### General:

- Operating Systems: Android 5.1
- Temperature: 41 °F to 95 °F (5 °C to 35 °C)
- Humidity: 20% – 80%





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## CONTACT DETAILS

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

### USA ADDRESS

77380 W. Sand Lake Road,  
Suite 500,  
Orlando, Florida,  
32819,  
USA

### PHONE

USA Landline | +1 352 804 1241

USA Direct | +1 352 804 6054

### WEB

[www.ibrainrobotics.net](http://www.ibrainrobotics.net)

[info@ibrainrobotics.net](mailto:info@ibrainrobotics.net)