



# JBT-01K

## AI based Brain Tumor Detection Solution

### | Summary

The brain tumor is the third most common tumor which accounts for about 10% of all tumors and 20% ~40% in children. Brain tumors have distinctive symptoms depending on their location, so the treatment also depends on the location, size, and shape of the tumor.

JBT-01K is an AI based solution that supports the brain tumor diagnosis by providing deep learning & image processing-based analysis of brain MRI images.

### | Key Components & Performance

- Multi-contrast MR images upload
- Brain MRI visualization
- Auto-detection and visualization of brain tumor
- Visualization of clinical information
- Image processing tools (zoom, brightness and contrast control)

### | Input / Output

- **Input Data**                      Patient's Brain MRI DICOM
- **Output Information**            Brain Tumor location, Brain Tumor Probability