



JTD-01K

AI based Thyroid Disease Analysis Solution

| Summary

The diagnosis of thyroid cancer in ultrasound image is made by examining the mass in the thyroid gland. The difficulty due to the uncertainty of tumor margin, low image contrast, and irregular shape makes it hard to differentiate the malignant tumors from benign tumors in ultrasound images.

JTD-01K supports the diagnosis of the doctor by classifying and visualizing the tumor in ultrasound image.

| Key Components & Performance

- Thyroid image upload
- Thyroid visualization
- Thyroid mass visualization
- Thyroid mass differential diagnosis
- Visualization of clinical information

| Input / Output

- **Input Data** Patient's Ultrasound Image
- **Output Information** Thyroid disease analysis information