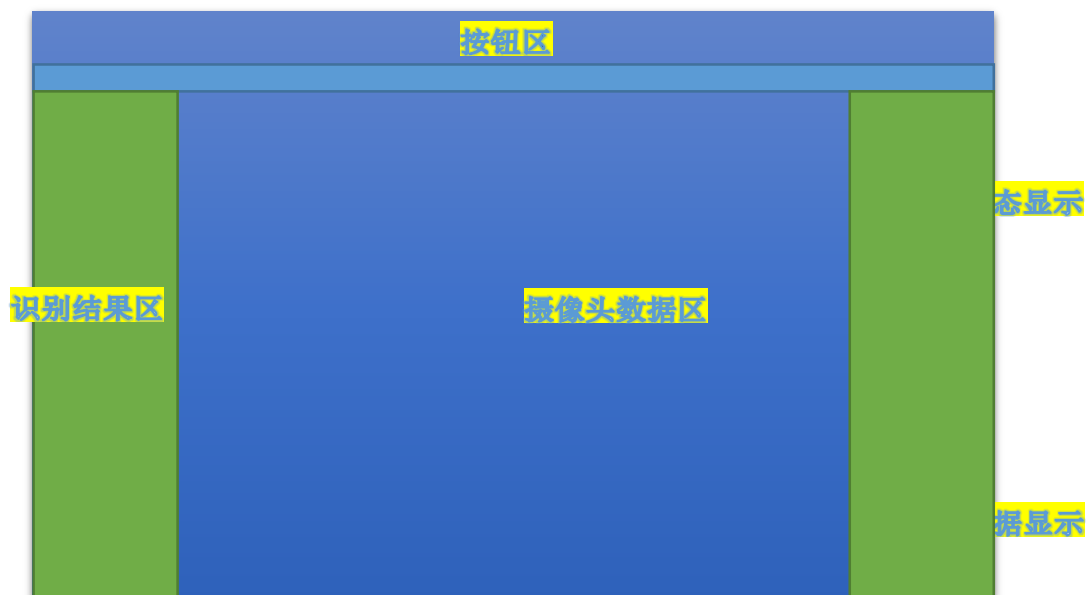# Soft ware design

Part 1 User Inter face Design

```
                    ┌─────────────┐
                    │     UI      │
                    └─────────────┘
        ┌──────────────┬──────┴──────┬──────────────┐
┌──────────────┐┌──────────────┐┌──────────────┐┌──────────────┐
│   Receiver   ││              ││   Camera     ││  Reconfgnize │
│  condition   ││  Data plot   ││   Image      ││    Result    │
└──────────────┘└──────────────┘└──────────────┘└──────────────┘
```

按钮区

态显示

识别结果区   摄像头数据区

据显示
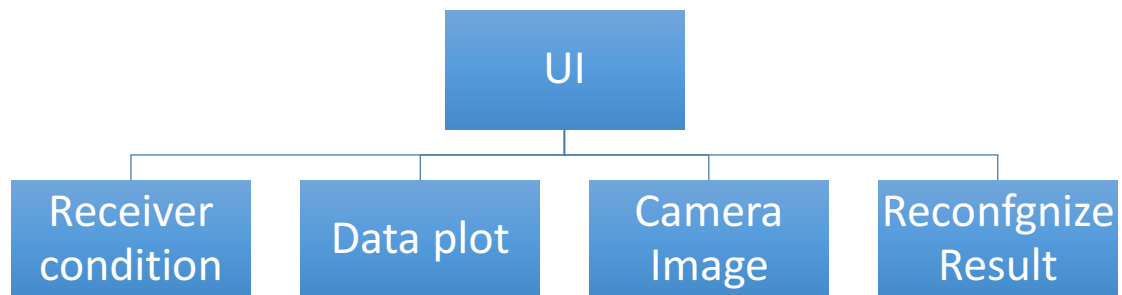
Software Interface
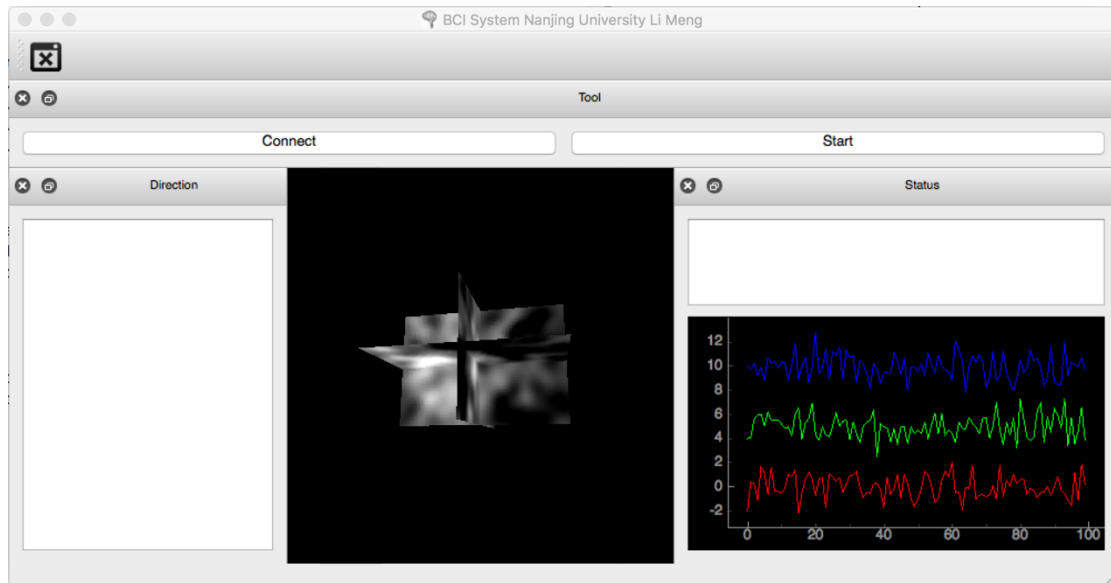
Running status
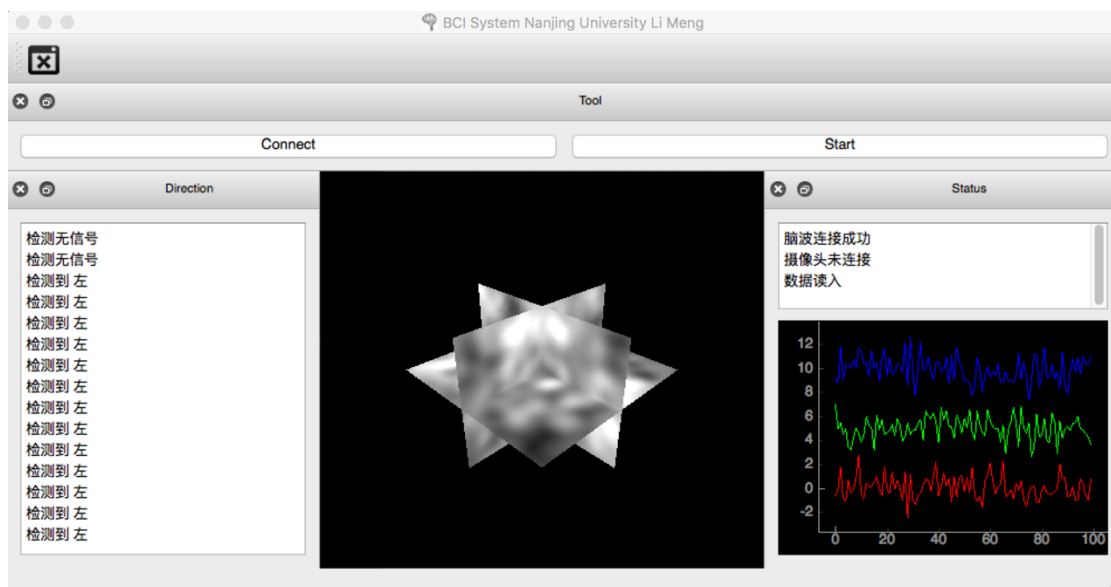
Code architecture(see the attached file)
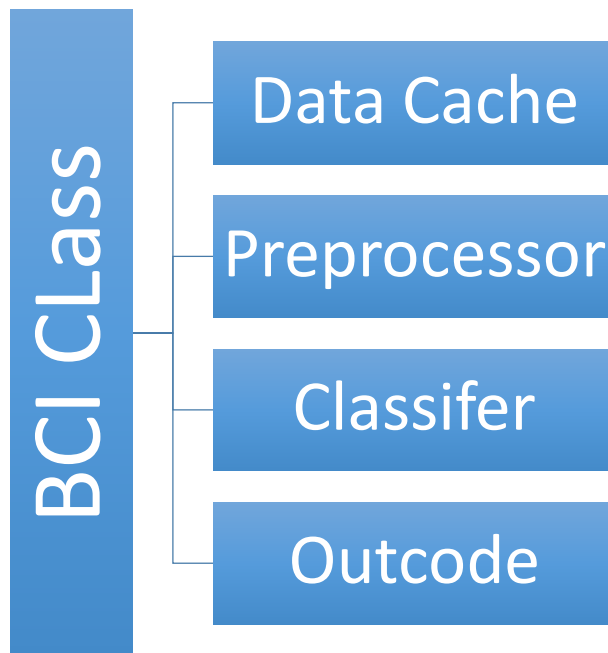
Module	File
Data cache	BciDatacache.py
User interface	BciUI.py
Classifier	Bciclassififer.py
Emotiv connecter	Emologger.py
Output Control	Bcicontrolcode.py
Preprocessor	Bcipreprocessor
Camera update	Unfinished
Robot car module	Unfinished