# Daifuku : Test Camera CVX and send to server

Shooting process
Start
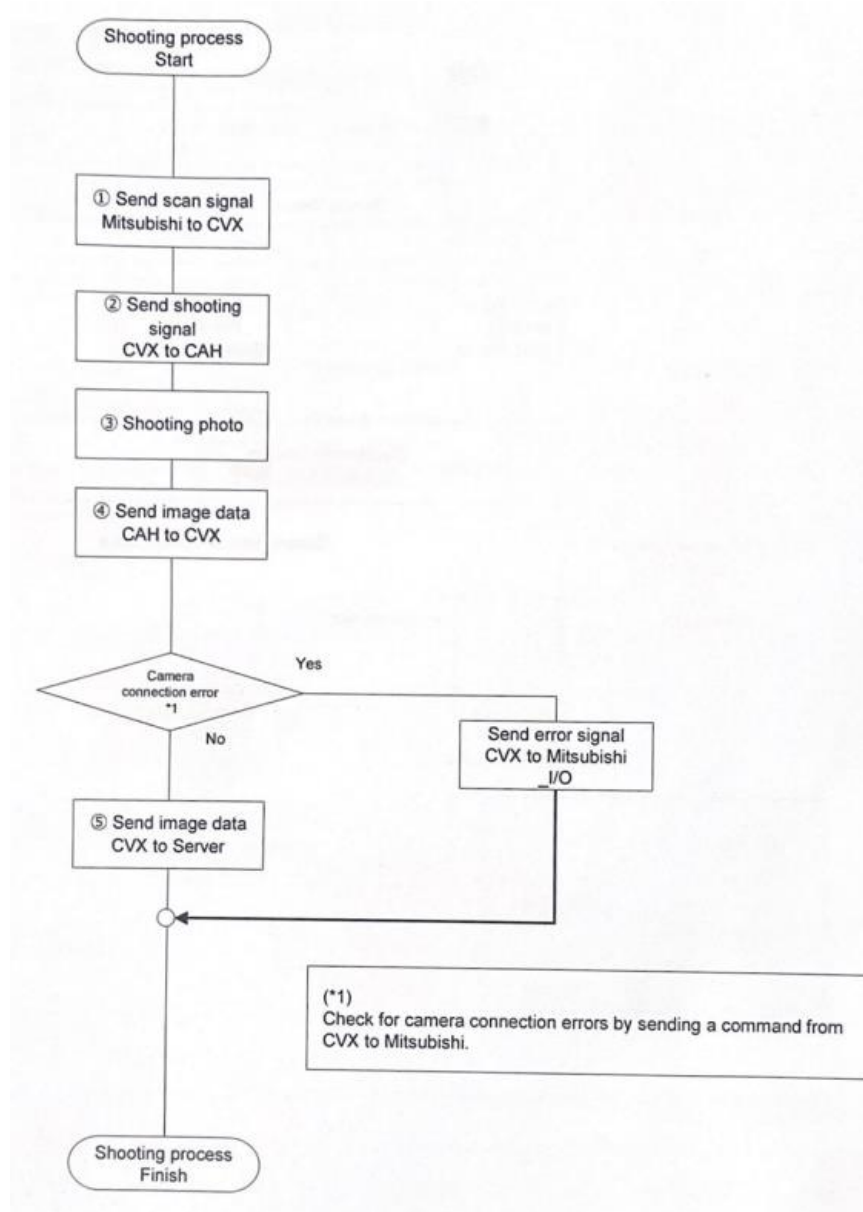
① Send scan signal
Mitsubishi to CVX

② Send shooting
signal
CVX to CAH

③ Shooting photo

④ Send image data
CAH to CVX

Camera
connection error
*1

Yes

No

Send error signal
CVX to Mitsubishi
_I/O

⑤ Send image data
CVX to Server

(*1)
Check for camera connection errors by sending a command from CVX to Mitsubishi.

Shooting process
Finish

● Send TRG1 signal from PLC Mitsubishi to CVX
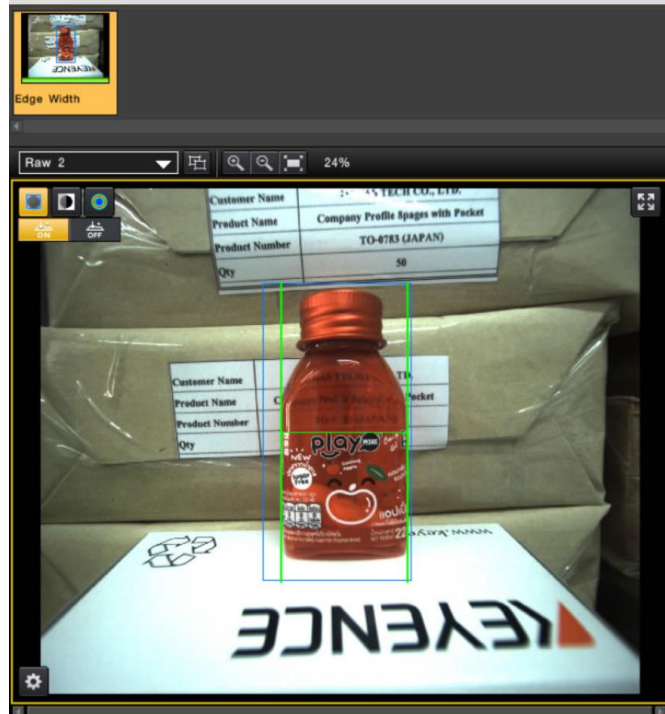
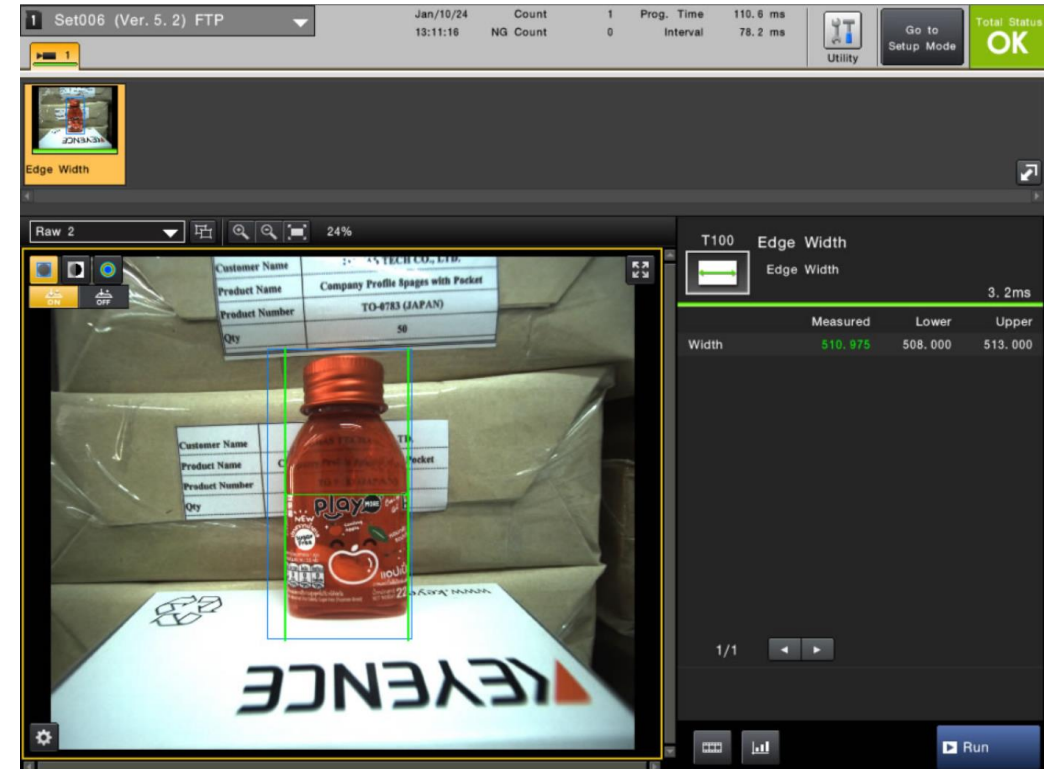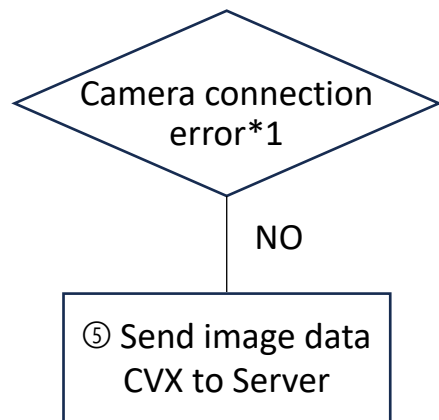● CVX send TRG1 signal to the CAH to prepare for imaging

③ Shooting photo

● When the TG1 signal is received, the camera will take a picture



④ Send image data CAH to CVX
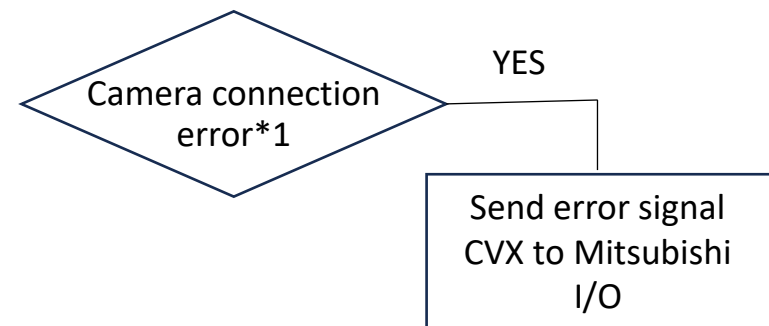
● CAH send images and signal to CVX

```
┌─────────────────────────┐
│   Camera connection     │
│       error*1           │
└─────────────────────────┘
            │
           NO
            │
┌─────────────────────────┐
│  ⑤ Send image data      │
│     CVX to Server       │
└─────────────────────────┘
```

● CVX will send the image to the server



```
                                    YES
┌─────────────────────────┐      ┌──────┐
│   Camera connection     │──────│      │
│       error*1           │      │
└─────────────────────────┘      │
                    ┌─────────────────────────┐
                    │    Send error signal    │
                    │   CVX to Mitsubishi     │
                    │          I/O            │
                    └─────────────────────────┘
```

● If the camera is not available It sends an error signal to the Mitsubishi I/O PLC

☐ F_OUT0   FLASH 1

☐ F_OUT1   FLASH 2

☑ F_OUT2   ERROR

☐ F_OUT3   RUN
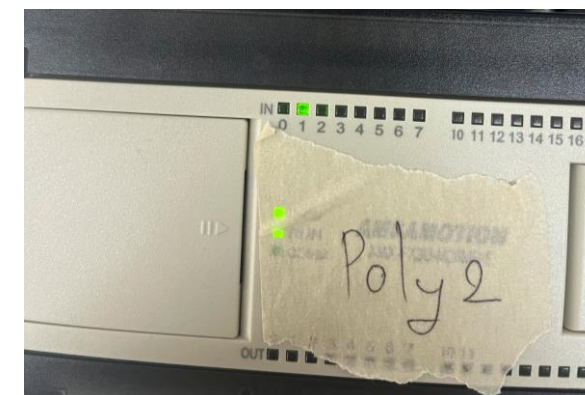


● Example: Connect error signal to plc Mitsubishi in channel IN1. When CVX sends signal to IN1, the light will be on.