

```
/*
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 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package seafarm;

import java.net.DatagramPacket;
import java.net.DatagramSocket;
import org.opencv.core.Core;
import org.opencv.core.Mat;
import org.opencv.core.MatOfByte;
import org.opencv.imgcodecs.Imgcodecs;

/**
 *
 * @author sigurdolav
 */
public class udpVideoReciever implements Runnable{

    private DatagramSocket receiveSocket;
    private int port;
    private Mat matImage;
    Thread t ;
    boolean exit = true;

    public udpVideoReciever(int port) {
        this.port = port;// Main.VIDEOPORT;
        matImage = null;
    }

    public void start() {
        t = new Thread(this);
        t.start();
    }

    public void run(){

        try {
            this.receiveSocket = new DatagramSocket(port);
        } catch (Exception e) {
        }
    }
}
```

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        byte[] buffer = new byte[65507];
        DatagramPacket receivePacket = new DatagramPacket(buffer,
buffer.length);

        while (exit) {
            try {
                receiveSocket.receive(receivePacket);
            } catch (Exception e) {
            }
            byte[] receivedImage = receivePacket.getData();
            MatOfByte mob = new MatOfByte(receivedImage);
            Mat img = Imgcodecs.imdecode(mob, Imgcodecs.IMREAD_UNCHANGED);

            this.matImage = img;

        }
    }

    public Mat getImage() {
        return this.matImage;
    }

    public void stop(){
        exit = false;
    }

    /*
    public static void main(String[] args) {

        System.loadLibrary(Core.NATIVE_LIBRARY_NAME);
        System.out.println(" Fra Raspberry");
        udpVideoReciever test= new udpVideoReciever();
        test.StartStream();
    }
    */

```

