

## Sending SubscribeROIVideo through the terminal on imx6-based display

Submitted by kim.paivarinne\_2289 on Wed, 2019-05-29 11:52

For IP cameras following the **ISO17215** standard you will sometimes need to send a message to the camera for it to start broadcasting video.

The message is called SubscribeROIVideo and it takes an index as a parameter. The index is what Region of Interest the camera will stream.

One option is to use the IPCameraSettings library to send messages with a simple interface and the other is to use the echo command.

The command we will be using is:

```
echo -n -e '\x43\x3f\x01\x31\x00\x00\x00\x0c\x12\x34\x56\x78\x01\x01\x00\x00\x00\x00\x00\x00<Index as byte>'>/dev/udp/<Camera IP>/<SOME/IP communication port>
```

For example to subscribe to ROI 6, on a camera with IP 192.168.40.90 and SOME/IP port 17215:

```
echo -n -e '\x43\x3f\x01\x31\x00\x00\x00\x0c\x12\x34\x56\x78\x01\x01\x00\x00\x00\x00\x00\x06'>/dev/udp/192.168.40.90/17215
```

For information on what ROI's are available on your camera and its communication port, check with your camera supplier.

### Environment and Versions:

VS, VI

### Category:

[ARM-Platform](#) [1]

[Linux](#) [2]

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**Source URL:** <https://support.crosscontrol.com/kb/sending-subscriberoivideo-through-terminal-imx6-based-display>

### Links

[1] <https://support.crosscontrol.com/kb/arm-platform>

[2] <https://support.crosscontrol.com/kb/linux>