

# webcam mit mjpg-streamer

## Hardware

Vbestlife 12 MP USB-Kameramodul, 4K HD 123 Grad Ansichten IMX258 (1/3,06 Zoll)

[https://www.amazon.de/dp/B0BDLSZ2N2?psc=1&ref=ppx\\_yo2ov\\_dt\\_b\\_product\\_details](https://www.amazon.de/dp/B0BDLSZ2N2?psc=1&ref=ppx_yo2ov_dt_b_product_details)

## deb packages

sudo apt install v4l-conf v4l-utils

## mjpg streamer:

<https://github.com/john-clark/mjpg-streamer-setup>

start.sh

```
#!/bin/sh
export LD_LIBRARY_PATH="$(pwd)"
./mjpg_streamer -i "input_uvc.so -n -f 30 -r 1280x720 -d /dev/video1" -o "output_http.so" &
```

```
### check the service configuration
klipper@voron:~/mjpg-streamer <master*>$ sudo vi /etc/systemd/system/webcamd.service
[Unit]
Description=Starts mjpg-streamer on startup
After=network.target

[Install]
WantedBy=multi-user.target

[Service]
Type=forking
```

```
User=klipper
WorkingDirectory=/home/klipper/mjpg-streamer
StandardOutput=append:/var/log/webcamd.log
StandardError=append:/var/log/webcamd.log
ExecStart=/home/klipper/mjpg-streamer/start.sh
Restart=always
```

### Reload the service configuration

```
klipper@voron:~/mjpg-streamer <master*>$ sudo systemctl daemon-reload
```

### enable autostart

```
klipper@voron:~/mjpg-streamer <master*>$ sudo systemctl enable webcamd.service
```

### restart or start the service

```
klipper@voron:~/mjpg-streamer <master*>$ sudo systemctl restart webcamd.service
```

### check the state and feel happy

```
klipper@voron:~/mjpg-streamer <master*>$ sudo systemctl status webcamd.service
```

● webcamd.service - Starts mjpg-streamer on startup

Loaded: loaded (/etc/systemd/system/webcamd.service; disabled; vendor preset: enabled)

Active: active (running) since Wed 2023-05-10 14:17:15 CEST; 7s ago

Process: 15063 ExecStart=/home/klipper/mjpg-streamer/start.sh (code=exited, status=0/SUCCESS)

Main PID: 15065 (mjpg\_streamer)

Tasks: 3 (limit: 2212)

Memory: 916.0K

CPU: 77ms

CGroup: /system.slice/webcamd.service

└─15065 ./mjpg\_streamer -i input\_uvc.so -n -f 30 -r 1280x720 -d /dev/video1 -o output\_http.so

Mai 10 14:17:15 voron mjpg\_streamer[15065]: MJPG-streamer [15065]: Frames Per Second.: 30

Mai 10 14:17:15 voron mjpg\_streamer[15065]: MJPG-streamer [15065]: Format.....: JPEG

Mai 10 14:17:15 voron mjpg\_streamer[15065]: MJPG-streamer [15065]: TV-Norm.....: DEFAULT

Mai 10 14:17:15 voron mjpg\_streamer[15065]: MJPG-streamer [15065]: www-folder-path.....: disabled

Mai 10 14:17:15 voron mjpg\_streamer[15065]: MJPG-streamer [15065]: HTTP TCP port.....: 8080

Mai 10 14:17:15 voron mjpg\_streamer[15065]: MJPG-streamer [15065]: HTTP Listen Address..: (null)

Mai 10 14:17:15 voron mjpg\_streamer[15065]: MJPG-streamer [15065]: username:password....: disabled

Mai 10 14:17:15 voron mjpg\_streamer[15065]: MJPG-streamer [15065]: commands.....: enabled

Mai 10 14:17:15 voron mjpg\_streamer[15065]: MJPG-streamer [15065]: starting input plugin input\_uvc.so

Mai 10 14:17:15 voron mjpg\_streamer[15065]: MJPG-streamer [15065]: starting output plugin: output\_http.so  
(ID: 00)

Revision #3

Created 10 May 2023 12:12:55 by Gerald Amrhein

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