

Official Raspberry Pi Touchscreen

Rotating the Official 7" Touchscreen

Comment the following line in your `/boot/config.txt` (to disable this parameter):

```
# Enable DRM VC4 V3D driver
#dtoverlay=vc4-kms-v3d
```

And add the following line to your config:

```
# rotate screen
lcd_rotate=2
display_rotate=0
```

Run chromium in kiosk mode at startup

Firstly enable autologin and boot to desktop. Therefore you can use the `raspi-config-tool`:

```
sudo raspi-config
```

And then add the following line to the user's `lxsession` config:

`~/config/lxsession/LXDE-pi/autostart`

```
@chromium-browser --kiosk --disable-pinch <url-to-open>
```

Sourced from: baldbeardedbuilder.com - *Chromium in kiosk mode*

Turn off screen automatically after a period of inactivity

To enable this “energy saving”-setting create a system service file under `/etc/systemd/system/` with the name `screenblanking.service`:

```
sudo nano /etc/systemd/system/screenblanking.service
```

Then add this content:

```
[Unit]
Description=Automatic screen blanking
After=network.target network-online.target

[Service]
Environment=DISPLAY=:0.0
```

```
RestartSec=40
Restart=always
User=pi
ExecStart=/usr/bin/xset dpms force off

[Install]
WantedBy=multi-user.target
```

Finally save the service and enable it with:

```
sudo systemctl enable screenblanking.service
```

Partially sourced from forums.raspberrypi.com - know a command-line for turning off the screen?

From:
<http://fixes.brecht-schule.hamburg/> - Fixes | Public BIT Wiki

Permanent link:
<http://fixes.brecht-schule.hamburg/raspberry-pi/official-touchscreen?rev=1736101556>

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