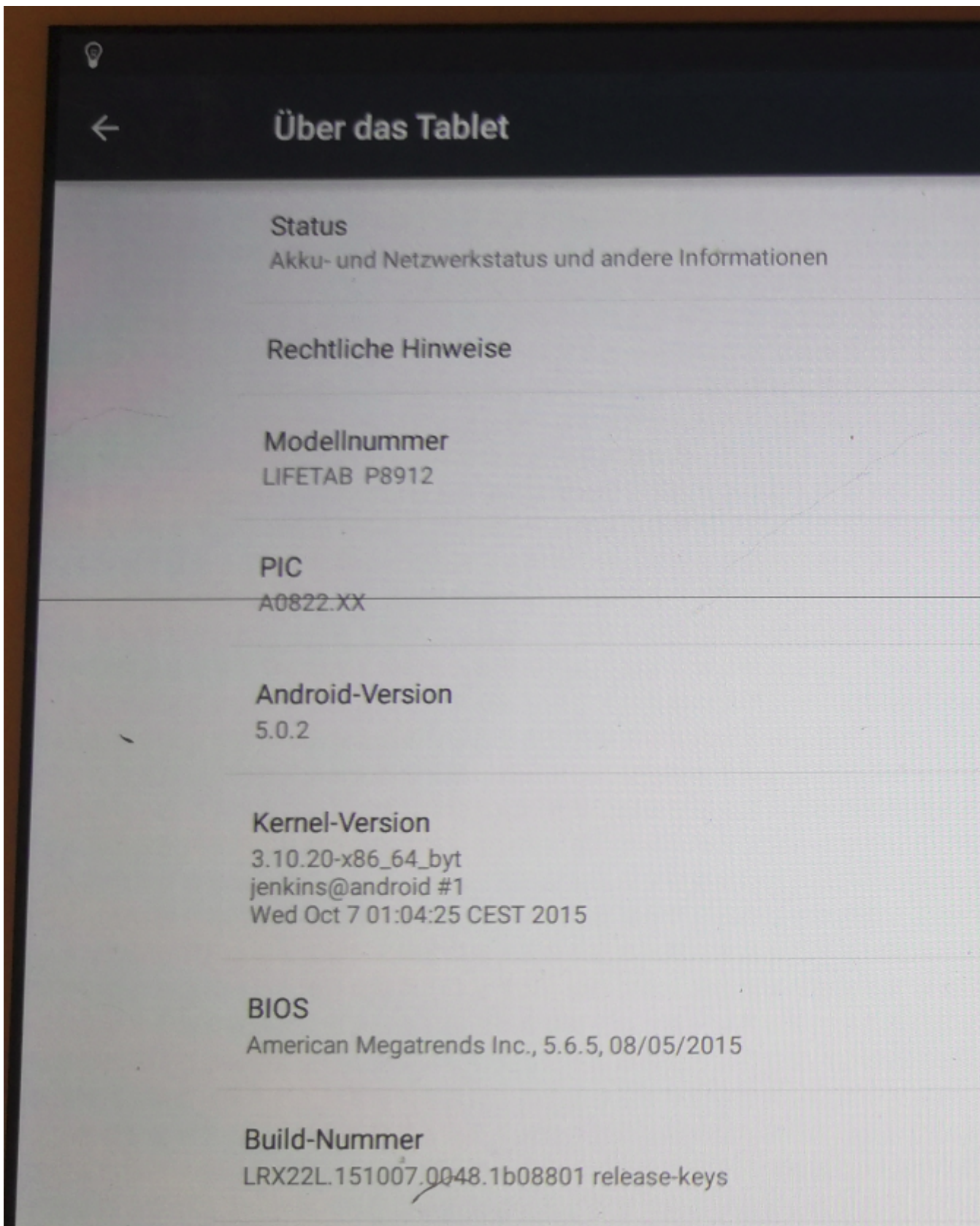


# Mobile access using tablet

Trikarus uses a [Tablet Lifetab P9812 by Medion](#) to show the Repetier Server frontend and Grafana. For security reason the tablet is fully encrypted and secured by PIN.

Android version is 5 (Lollipop) → Installed Update is P891x\_Update\_4.zip



## Network configuration

- The wifi on the device is configured to be connected to **local Wifi SSID from the router only**. If you connect to freifunk.chemnitz.net ensure that the network is

not stored or auto connection to this network is disabled. Otherwise connection might fail.

- the tablet is intended **only for local use** (no network forwarded communication over Freifunk or Wireguard)
- IP configuration is static (because in DHCP mode it does not obtain an IP). For every device we connect to the SSID we have to configure static settings manually:
  - IP: 169.254.XXX.XXX
  - Gateway: 169.254.XXX.1
  - DNS: 169.254.XXX.1
  - Prefix length: 24
- using the static IP the device does not know about the host names of Raspberry Pi or Duet, but it can connect to IP addresses.
- using USB debugging the /etc/hosts file on the tablet could be adjusted manually
- **if the Wifi does not work**
  - go to the center of the printer. The Wifi range is so poor that it does not work for more than 2 meters distance sometimes
  - correctly anymore reboot the tablet!

## F-Droid Classic Installer

[https://archive.org/details/eu.bubu1.fdroidclassic\\_1106](https://archive.org/details/eu.bubu1.fdroidclassic_1106)

## Firefox Browser for Android

<https://m.apkpure.com/de/firefox-browser-fast-private-safe-web-browser/org.mozilla.firefox/download/2015839749-APK-8876d332c909e8ef19273eb099dab157?from=variants%2Fversion>

## DIY Unlocker

→ Stadtfabrikanten e.V. Bild anzeigen als Werbung

## MacroDroid

Automatically turn light on in the morning (and keep it) and turn off again when museum is closing.

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Version #1

Erstellt: 2026-06-08 14:34:37 CEST von Mario Voigt

Zuletzt aktualisiert: 2026-06-08 14:34:58 CEST von Mario Voigt