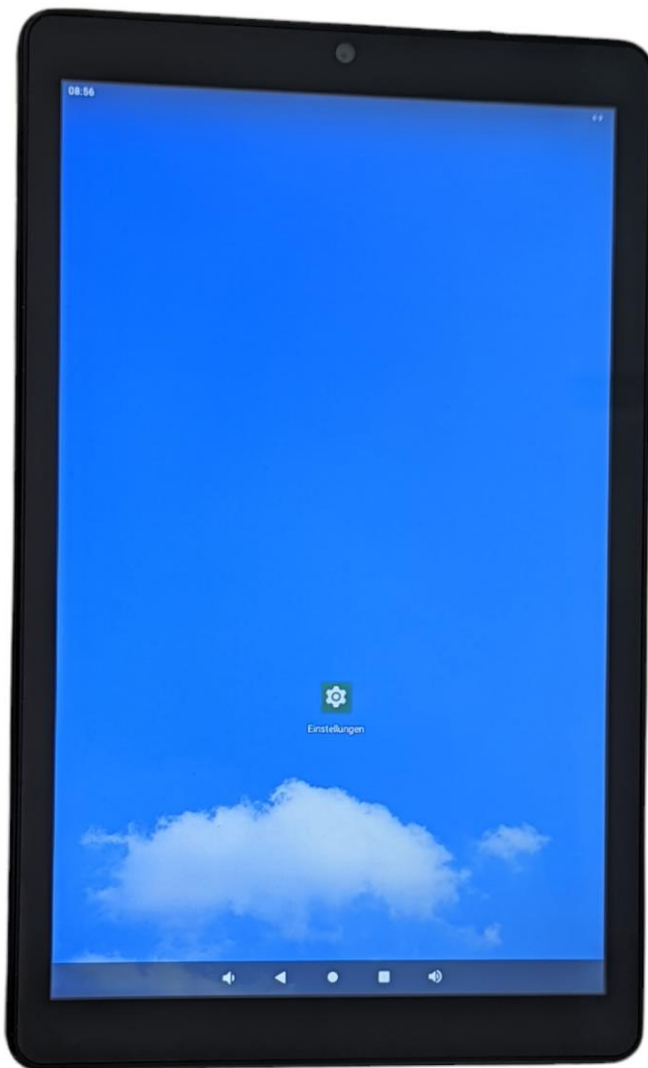




# Kurzanleitung zu den wichtigsten Funktionen

Product Nr.: 8 Zoll (210249) SKU: UD-8RK3568A11

## ALLNET Android 8 Zoll PoE Display für Unterputzdosen



## Verpackungsinhalt

Bitte überprüfen Sie den Inhalt der Verpackung, bevor Sie mit der Inbetriebnahme des Displays fortfahren.

- ALLNET 8 Zoll Display
- Montageklammer für UP Dose
- Gedruckte Kurzanleitung



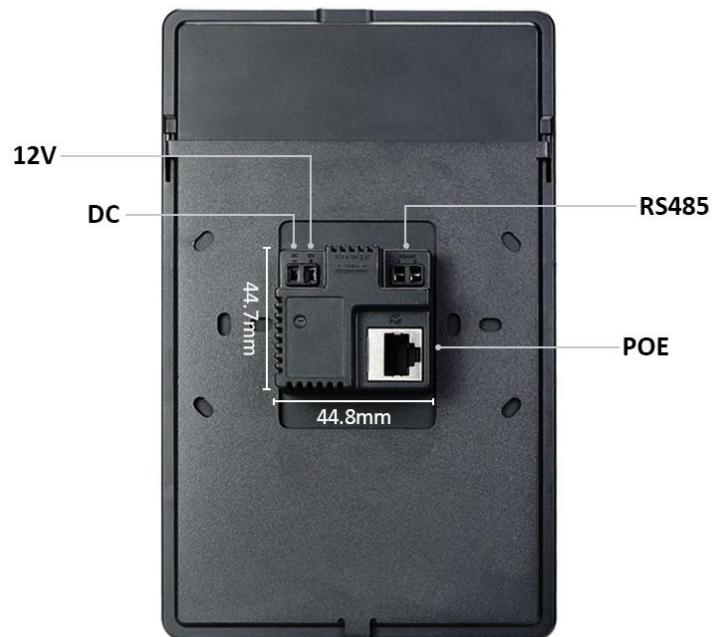
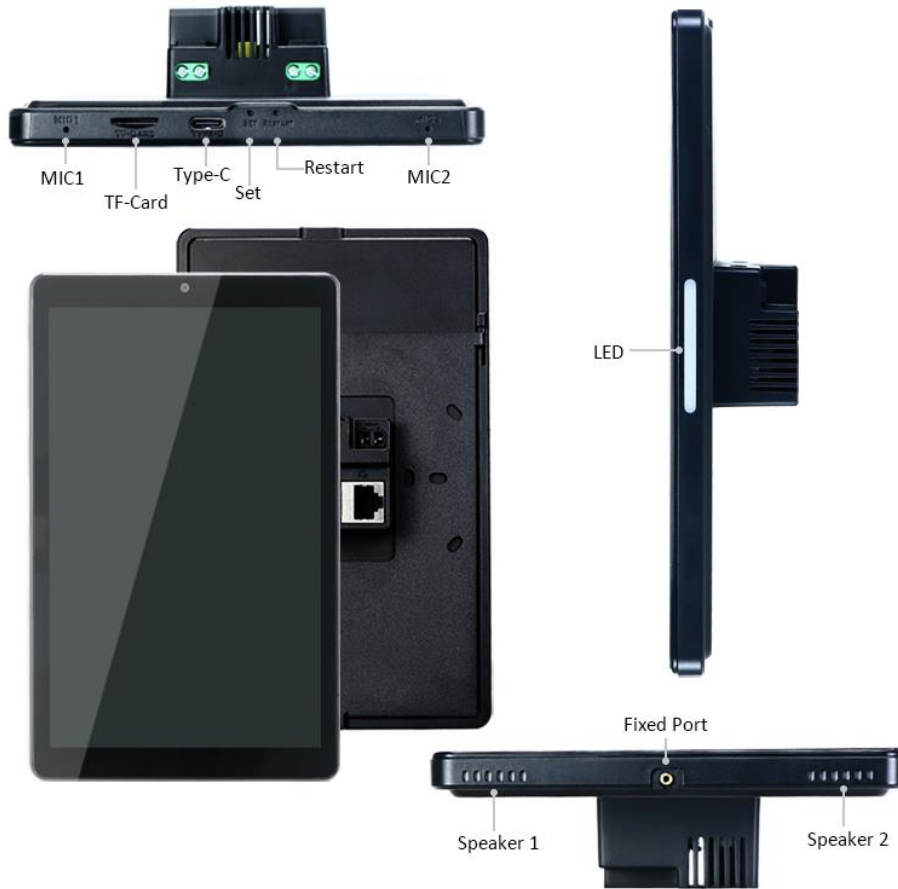
## Inhalt

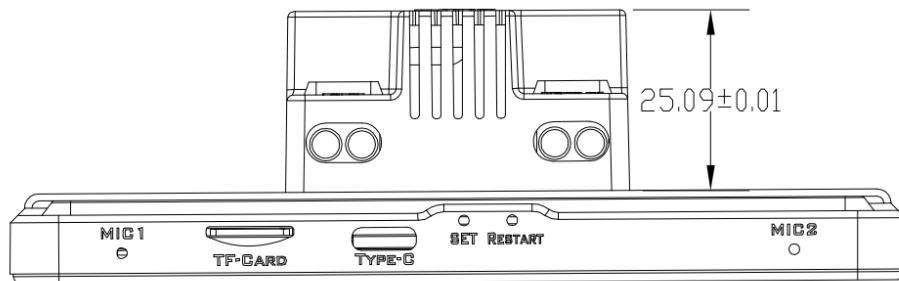
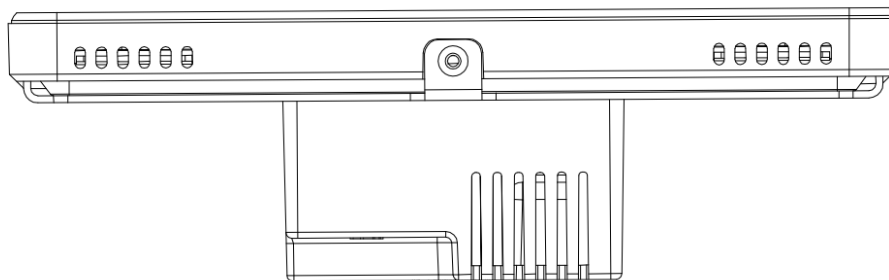
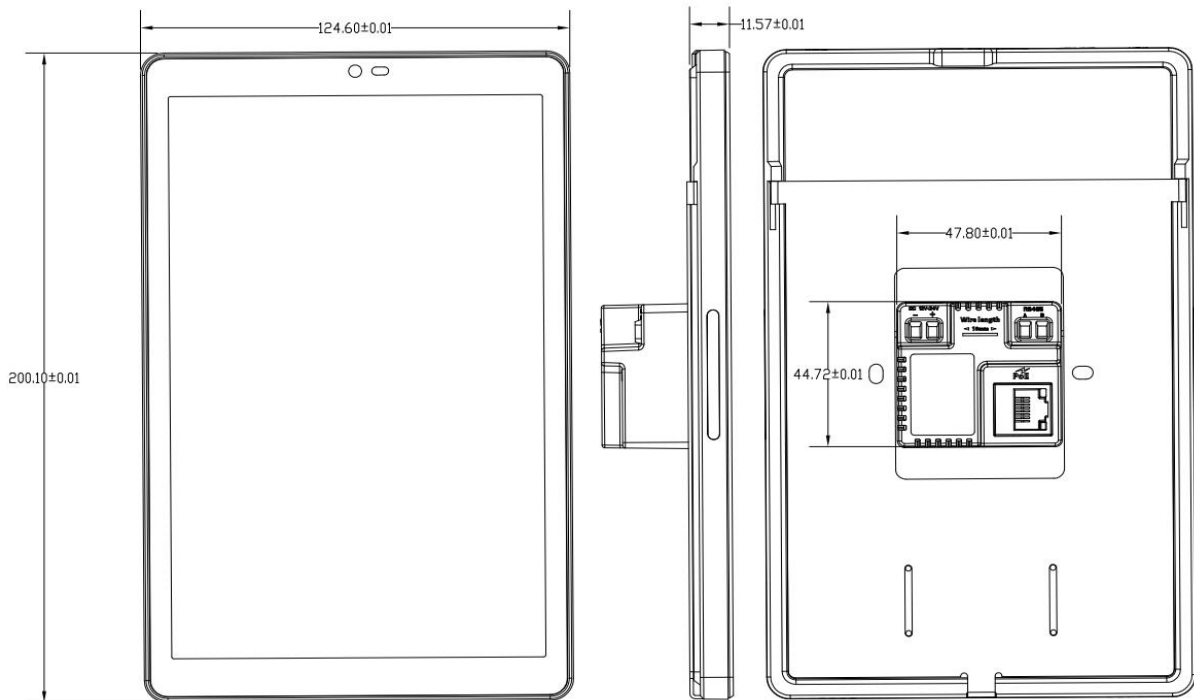
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Technische Infos:

- RK3568, Quad-core (Quad-core A55, 1.8GHz)
- Resolution: 1280x800 8" Zoll; LCD IPS panel
- Android 11
- 5-Point kapazitiver Multi-Touchscreen
- 2GB/16GB
- TF Card Extension bis 64GB
- 2x Microphone
- RS485 integriert (A,B)
- Frontkamera 2MP
- Ethernet 10/100M RJ45 PoE IEEE802af
- Wifi IEEE802.11 a/b/g/n 2,4/5GHz
- Bluetooth 5.0 (2,4GHz)
- 1x1W Lautsprecher
- USB Host/ USB-C OTG (Upgrade)/ SD Card
- Montage auf Unterputzrahmen 86x86mm
- Display Spezifikation: active area 120.96(L) x 68.04mm(B), IPS mit 300 nits,
- Power Input: 12V-24V DC
- Abmessung: 200mmx124.59x37,7mm
- Temperatur Betrieb: 0° ~ 50 °C  
Luftfeuchtigkeit Betrieb: 10% ~ 90% (nicht kondensierend)  
Temperatur Aufbewahrung: 0 ~ 80 °C  
Luftfeuchtigkeit Aufbewahrung: 10% ~ 90% (nicht kondensierend)
- Kennzeichnung: CE/RoHS

Anschlüsse und Abmessungen:





Installation:  
Unterputzdose rund EU



Unterputzdose International 86mm Box







#### Wichtige Warnhinweise:

- Das Gerät ist nur für den Innenbereich bestimmt.
- Um das Risiko von Feuer oder Stromschlag zu verringern, vermeiden Sie Kontakt mit Regen, Wasser und Feuchtigkeit.
- Blockieren Sie zu keinem Zeitpunkt die Lüftungsöffnungen auf der Rückseite des Gerätes.
- Setzen Sie das Gerät keinen starken Erschütterungen aus.
- Verhindern Sie, dass Fremdkörper in den äußeren Schlitz fallen.
- Öffnen Sie nicht das Gehäuse des Geräts. Es besteht die Gefahr eines lebensgefährlichen Stromschlags.
- Das Öffnen des Gehäuses führt zum Erlöschen der Garantie.

#### Informationen zum Urheberrecht

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Dieses Gerät entspricht den CE-Vorschriften. CE-Download: <http://ce.allnet.de>

#### Bestimmungsgemäßer Gebrauch:

Das Tablet ist für den gewerblichen Gebrauch als auch für den privaten Gebrauch geeignet. Jedoch geben sich für den privaten Gebrauch auch Einschränkungen in der Funktionalität, welche durch das native Android Betriebssystem entstehen. Dies betrifft die Einbindung bestimmter Video- u. Audiocodex und die Funktionalität einiger APPs, welche im Playstore angeboten werden. Hierfür können wir keine Haftung übernehmen und dies ist auch kein Defekt bzw. Garantiefall. Sollten Sie keine tiefere Erfahrung mit dem Android Betriebssystem haben, informieren Sie sich bitte vorher über unsere Hotline. Das Tablet ist ein Wanddisplay mit Betriebssystem und kann über PoE oder Netzteil mit Strom versorgt werden. Ein Akku ist nicht integriert. Es eignet sich als Zeiterminal, Hausautomationssteuergerät als auch als Meetingraum Anzeige Display. Eine Software hierfür ist nicht installiert. Sollten Sie eine Softwareschnittstelle (API/SDK) benötigen, können wir Ihnen diese auf Anfrage zur Verfügung stellen. Das Betriebssystem ist Android 11 (installiert), Linux ist installierbar (n. installiert). Dieses Gerät entspricht den CE-Vorschriften.

## Einleitung

### Zur Beachtung:

Android auf der Basis AOSP ist ein offenes System, welches nicht mit Android UI's anderer Hersteller verglichen werden kann. Für inkompatible Apps aus dem Playstore oder eigene Apps können wir keinen Support bieten. **Dies ist eine Anleitung für Android im Allgemeinen, die Android Versionen unterscheiden sich jedoch je nach Version des Betriebssystems. Hierfür nutzen Sie zur Recherche bitte das Internet.**

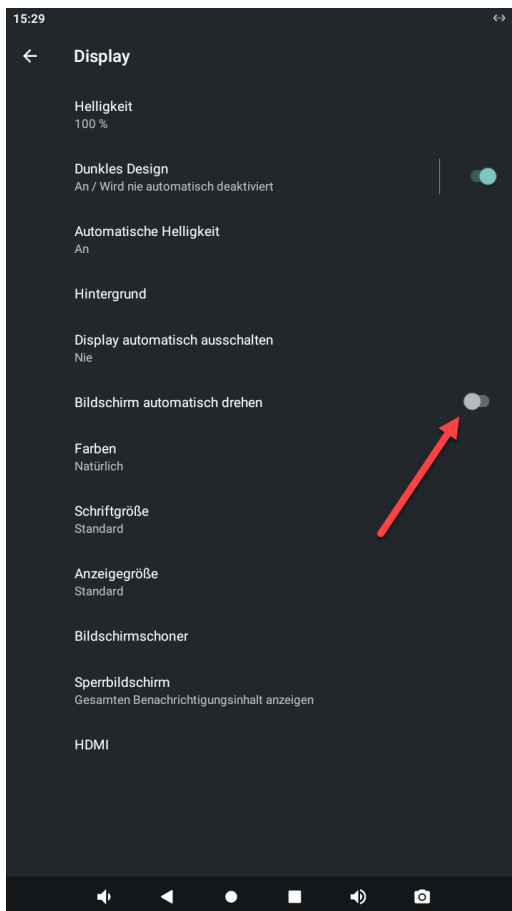
Schließen Sie das Tablet an die Stromversorgung an. Das Tablet startet automatisch.

### Display Rotation

Das Display kann Horizontal und auch Vertikal verwendet werden. Hierzu gehen Sie bitte unter die Einstellungen Display/Screen rotation/ auf Erweitert und Bildschirm automatisch drehen.

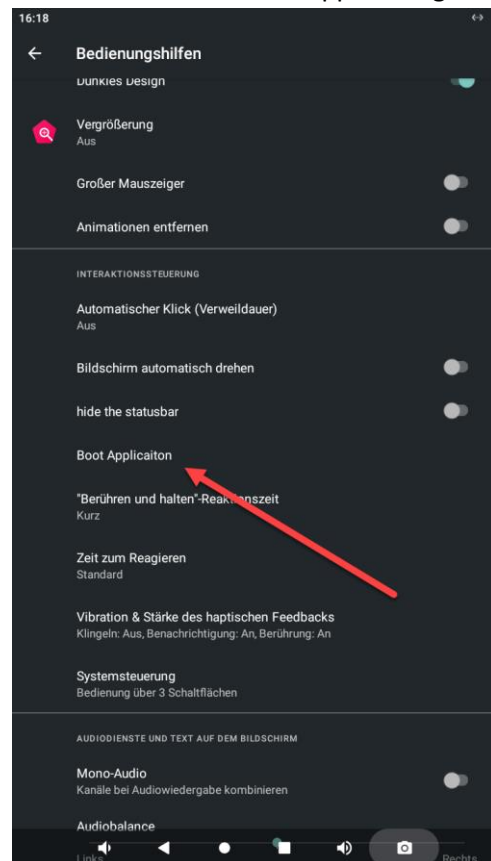
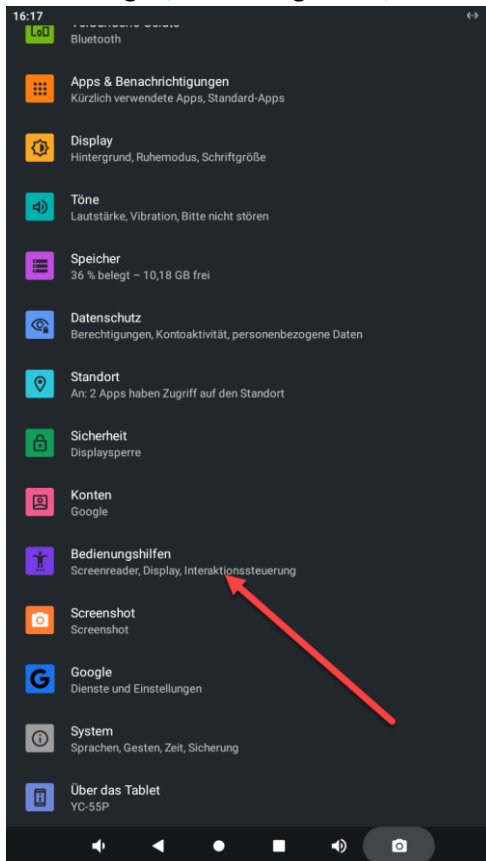
Den Schalter zur Rotation anschalten. In der gewünschten Position kann der Schalter wieder ausgeschalten werden, um die Rotation zu fixieren.

Hinweis: Manche Apps aus dem Playstore erzwingen eine Rotation für Hochkant da Sie nur für Mobiltelefone gemacht sind. Hier gibt es Rotation Control Apps welche das verhindern.

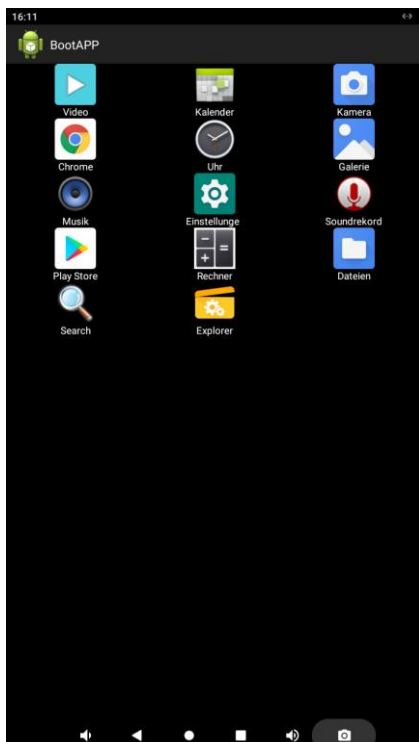


### Automatischer Start einer Anwendung

Mit dieser Funktion können Sie eine App automatisch starten lassen. Hierzu gehen Sie bitte unter Einstellungen/Bedienungshilfen/ Boot Application aus. Dort klicken Sie auf alle Apps anzeigen.



Nun wählen Sie die gewünschte App aus. Diese ist nun als StartApp festgelegt. Um diese wieder aus dem Autostart zu entfernen klicken Sie in der Boot Application auf „Cancel the self-start task“

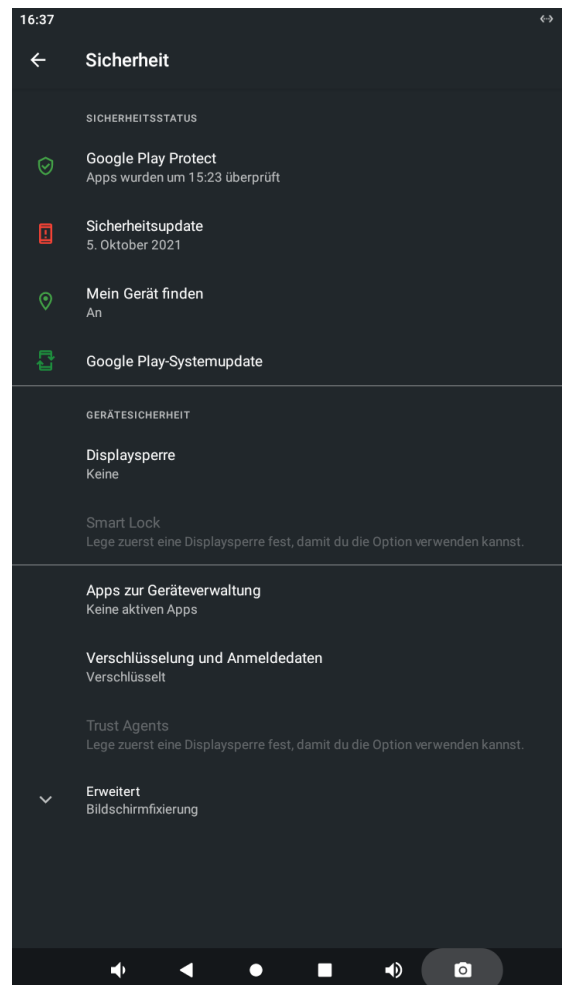
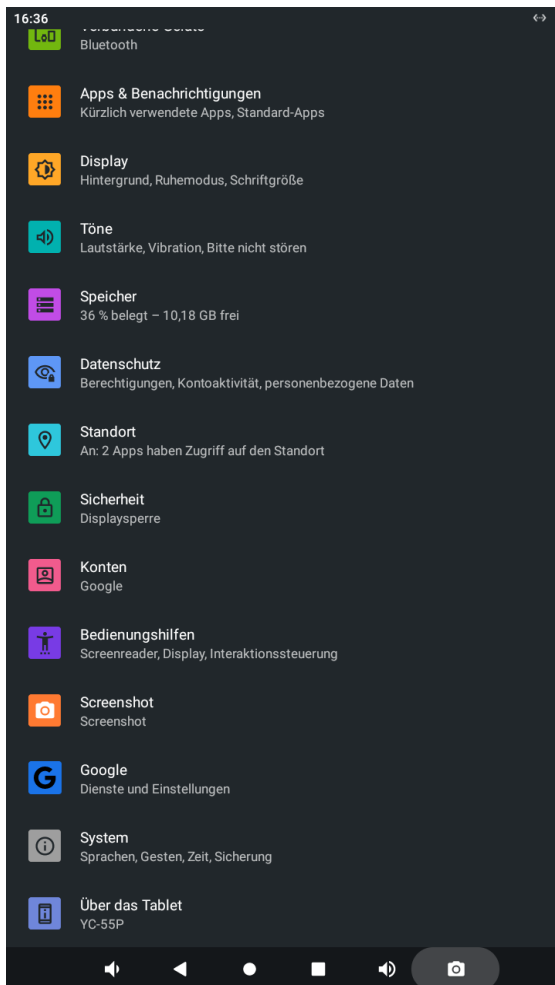


### Fixierung einer APP

Zur Beachtung:

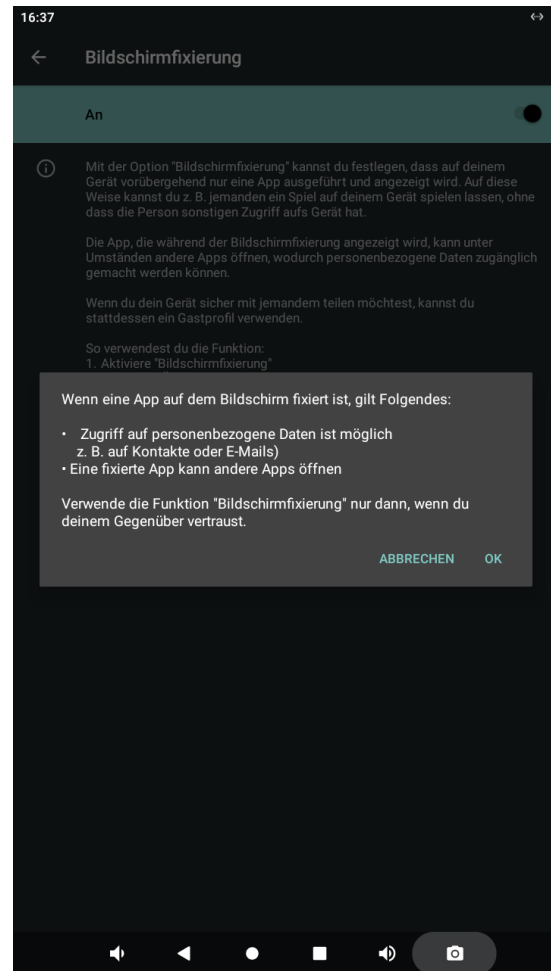
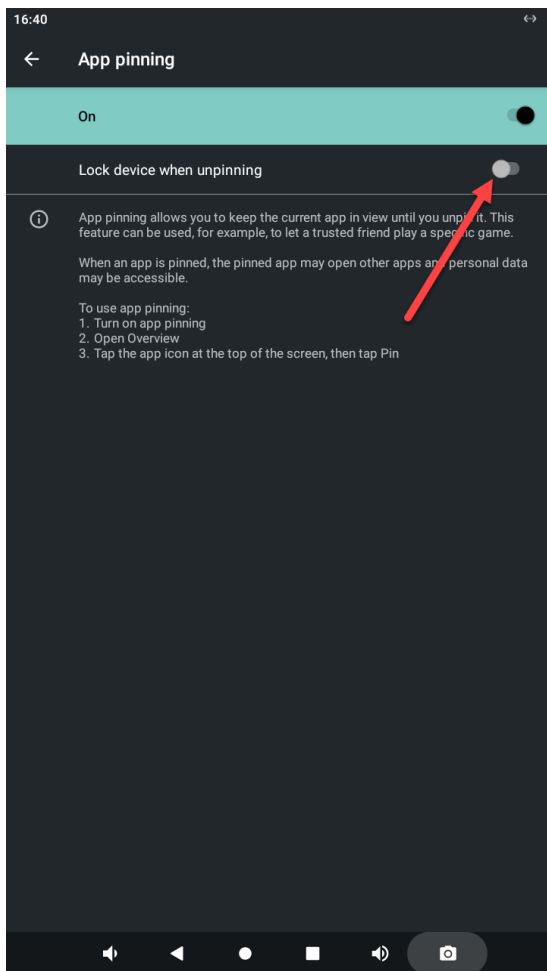
Dieser Kiosk Mode wurde nativ in Android integriert. Die Funktionsweise ist einfach und ist nur ein einfacher Schutz vor unbefugtem Zugriff. Die APP kann dennoch durch eine Tastenkombination beendet werden, außer man blendet die Navigationsbar aus. Eine einfache und eine professionelle Kiosk APP finden Sie im Playstore wie z.B. ALLNET Kioskbrowser oder die professionellste Lösung „Fully Kiosk Browser“.

Gehen Sie unter Einstellungen/Sicherheit und klicken Sie auf „Erweitert“ Bildschirmfixierung.



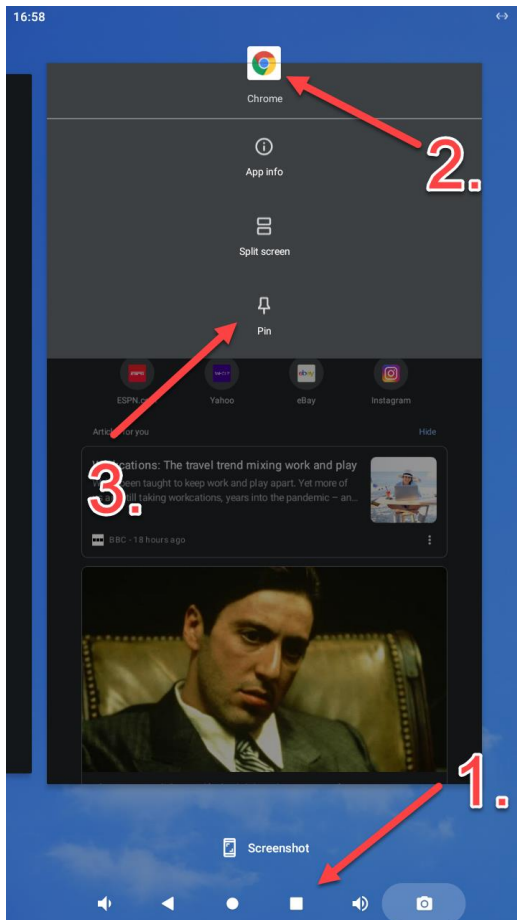
Dort gehen Sie bitte zu dem Punkt „Bildschirmfixierung/App Pinning“ und klicken darauf.

Nun können Sie den Hauptschalter anschalten.



Als Option können Sie auch eine Sicherheit einbauen, welche bei Beendigung der APP, das Tablet sperrt.

Unter dem Viereck in der Navigationsleiste finden Sie die zuletzt geöffneten APPs. Klicken Sie auf das mittlere Symbol an der zu verwendenden App am oberen Rand.

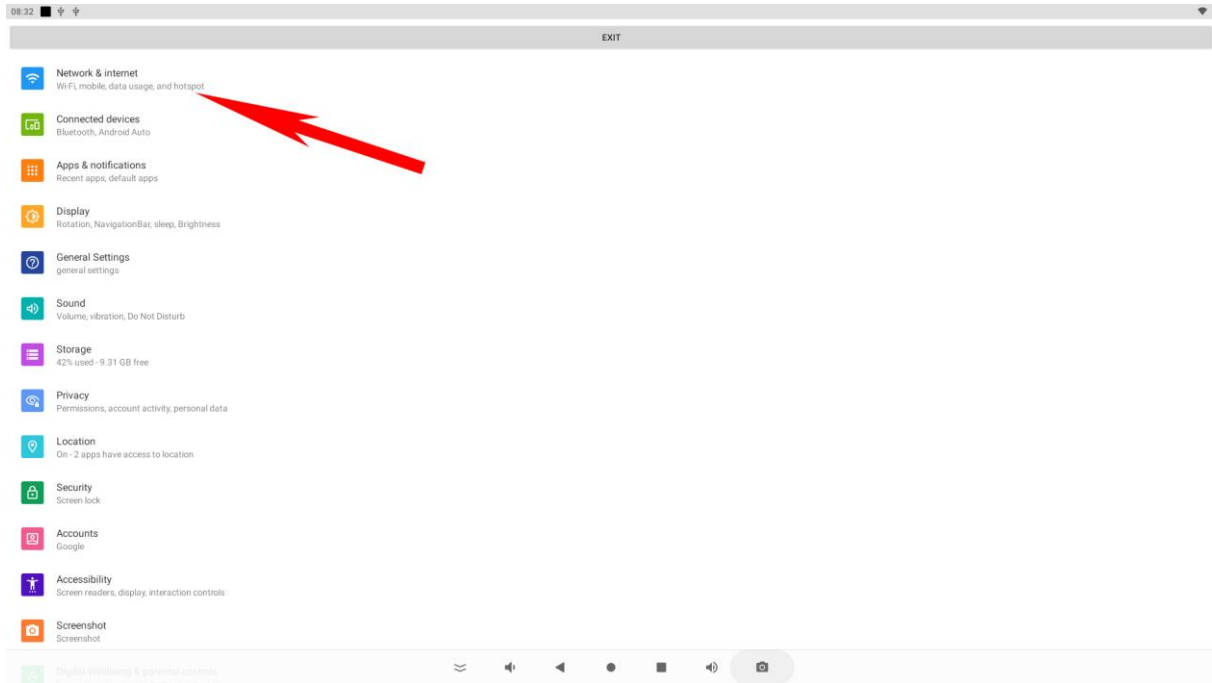


Diese Bildschirmfixierung ist nach einem Neustart nicht mehr aktiv und die Prozedur zur Fixierung muss erneut durchgeführt werden.

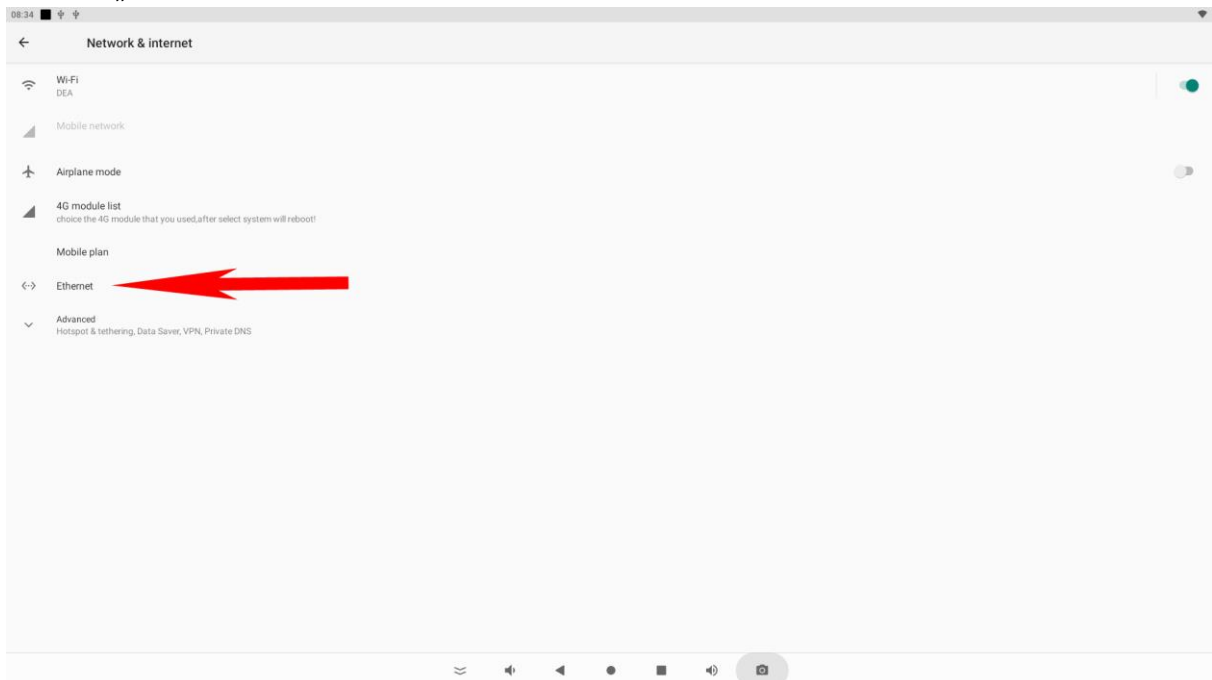
## Einrichtung Ethernet

Öffnen Sie die „Einstellungen“

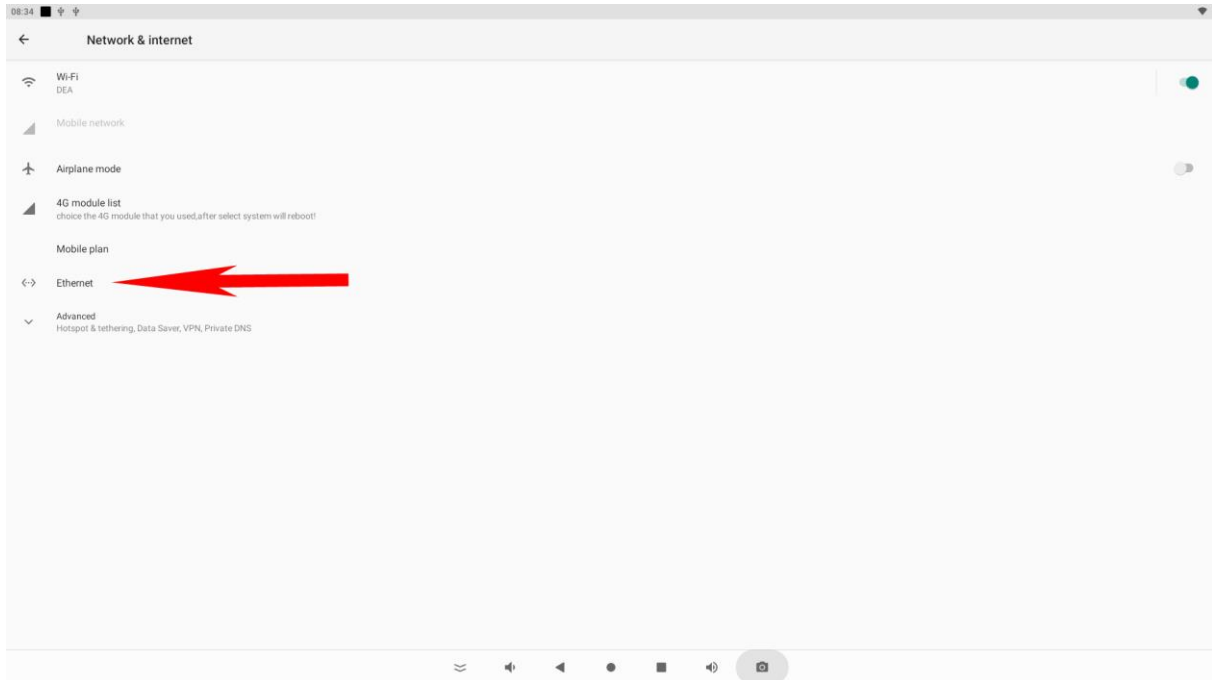
Wählen Sie „Netzwerk&Internet“, klicken Sie anschließend auf „Mehr“



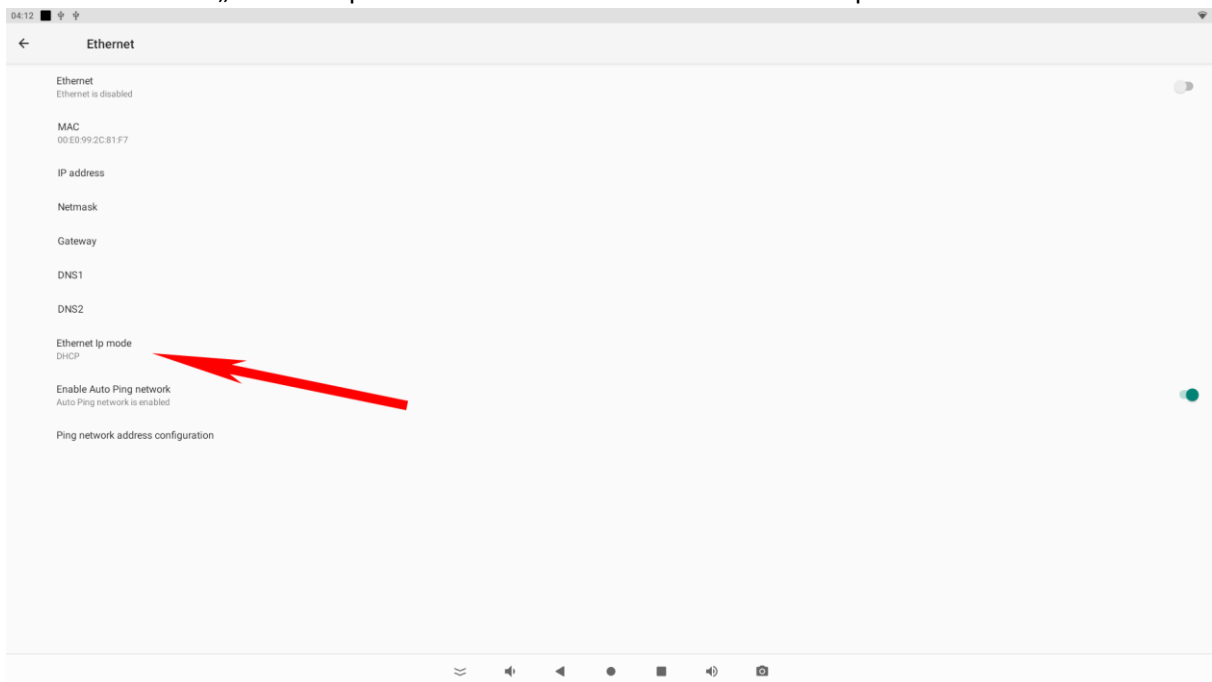
Bitte auf „Ethernet“ klicken



Sollte der Schalter nicht aktiviert sein, betätigen Sie Diesen bitte.



Unter dem Punkt „Ethernet Ip mode“ können Sie DHCP oder Statische Ip auswählen.



### Auto-Ping – dauerhafte Netzwerkverbindung einrichten

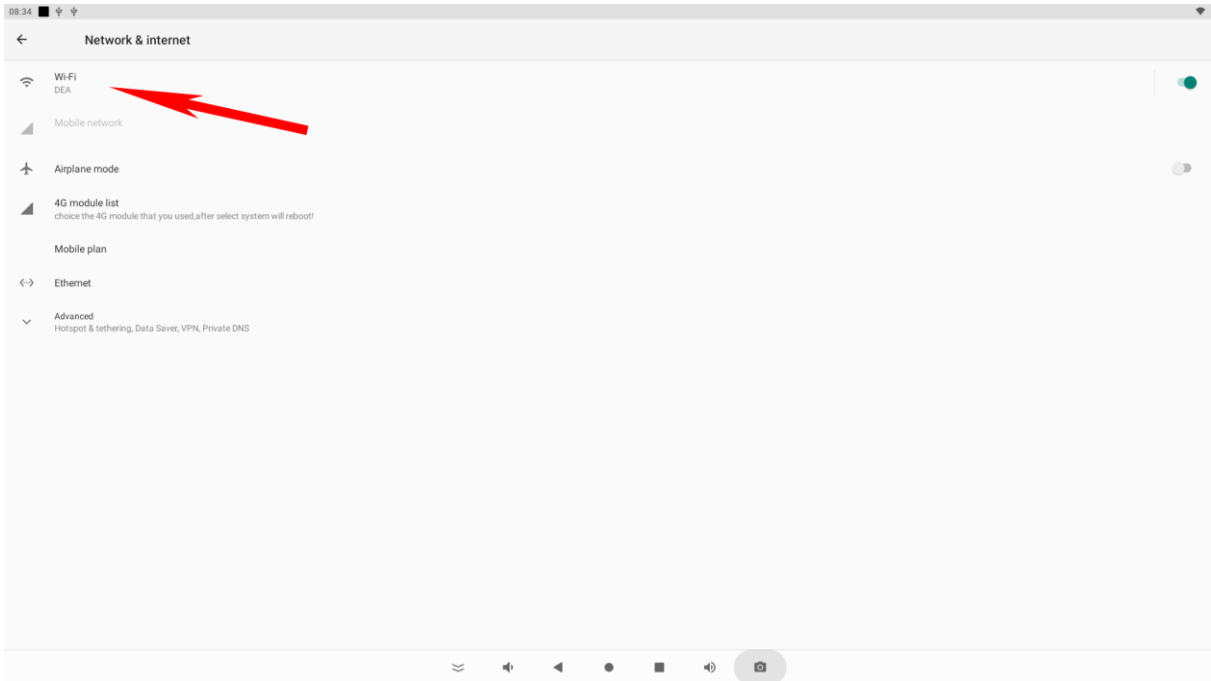
Die Funktion „Enable Auto Ping network“ sorgt für eine stetige Verbindung zu Ihrem Netzwerk. Speziell bei Verwendung als Türsprechstelle ist diese Funktion sehr hilfreich.



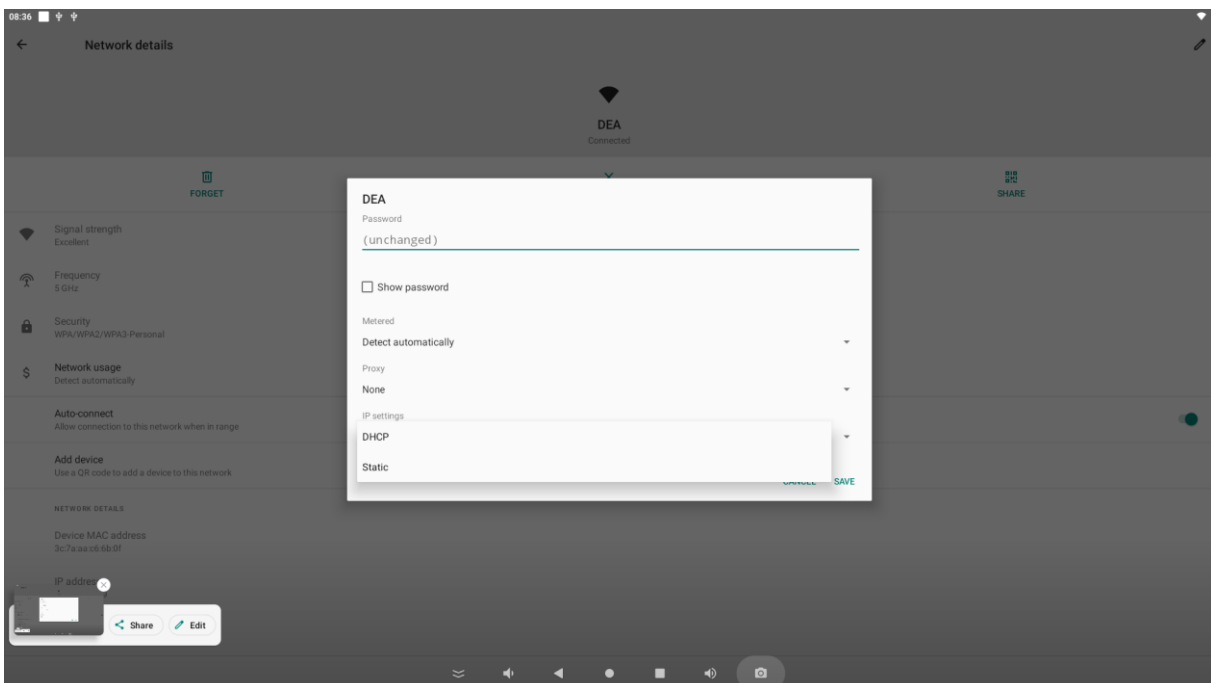
## Eirichtung W-LAN

Öffnen Sie die App „Einstellungen“

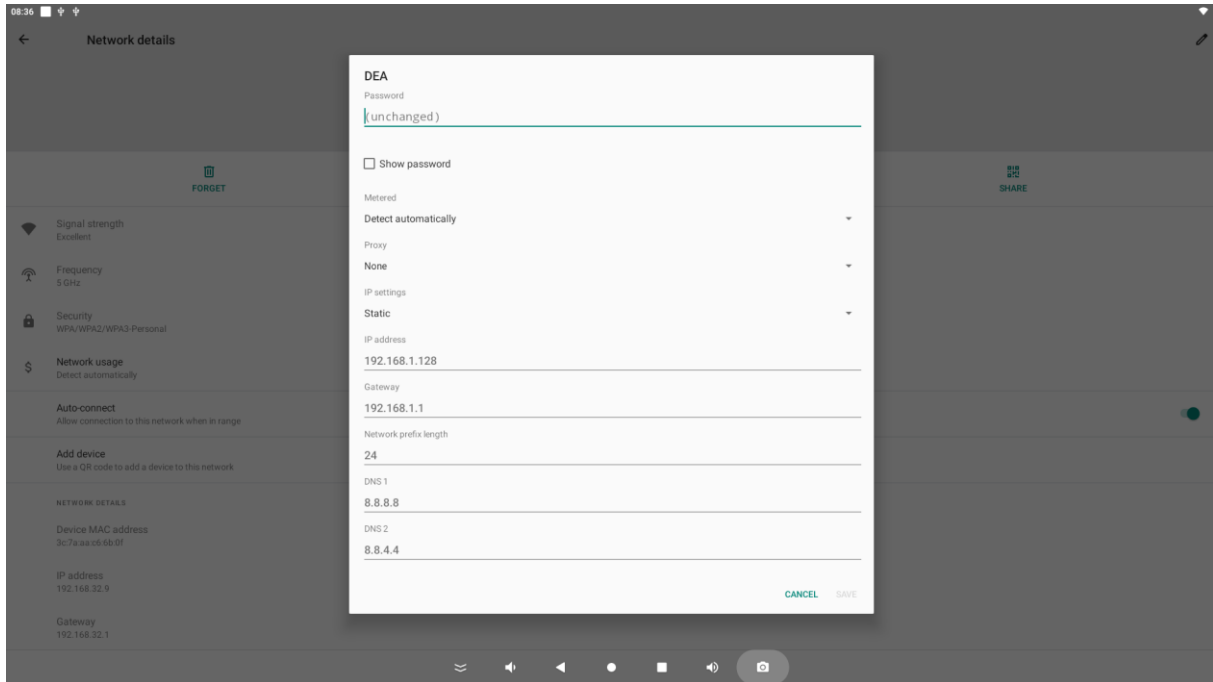
Wählen Sie „Drahtlos & Netzwerk“, klicken Sie anschließend auf Wi-Fi und aktivieren Sie den Schalter



Wählen Sie das gewünschte WLAN Netzwerk aus und geben Sie gegebenenfalls das Passwort ein  
Nach erfolgreich hergestellter Verbindung, verbindet sich das Tablet automatisch mit dem Netzwerk, wenn es sich in Reichweit befindet.



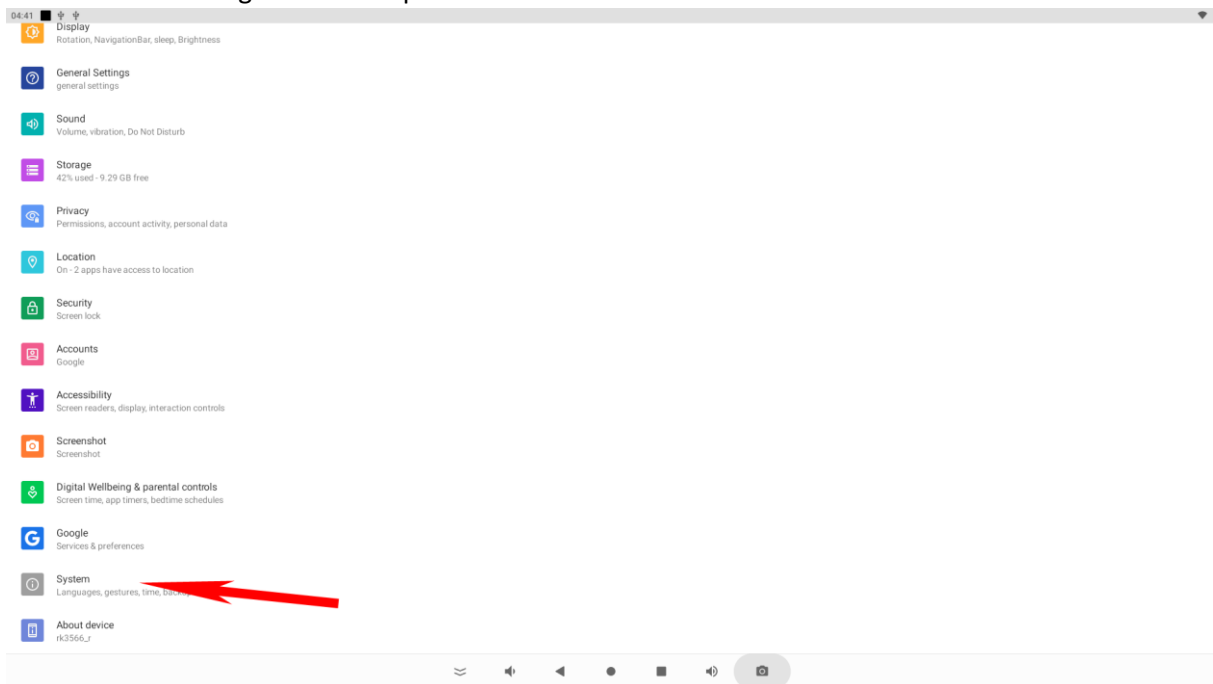
Eine statische Netzwerkverbindung können Sie unter IP Setting einrichten. Durch den Klick auf „static“ können Sie die IP-Adresse, Gateway und DNS Server einrichten.

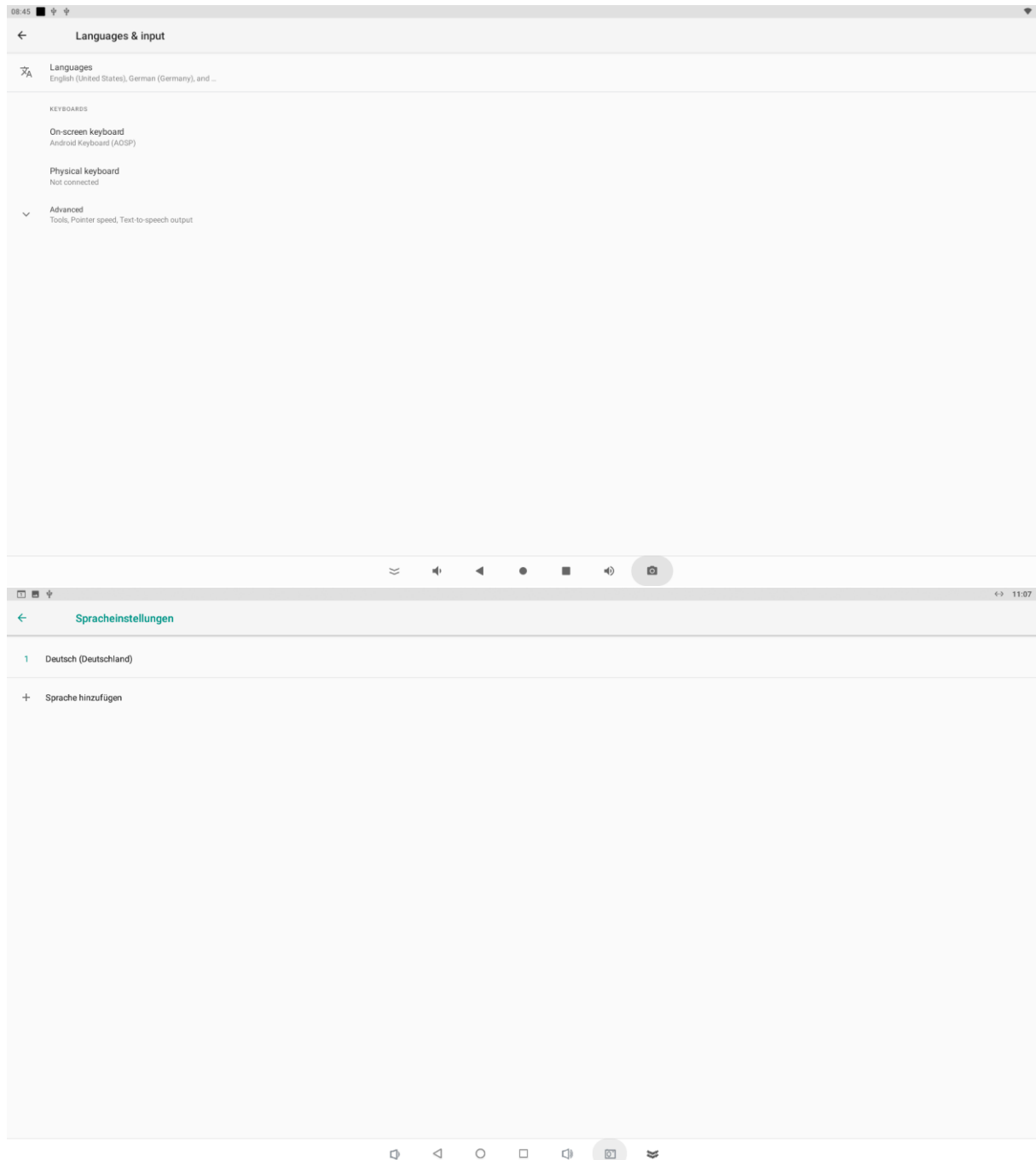


### Einstellungen Sprache ändern

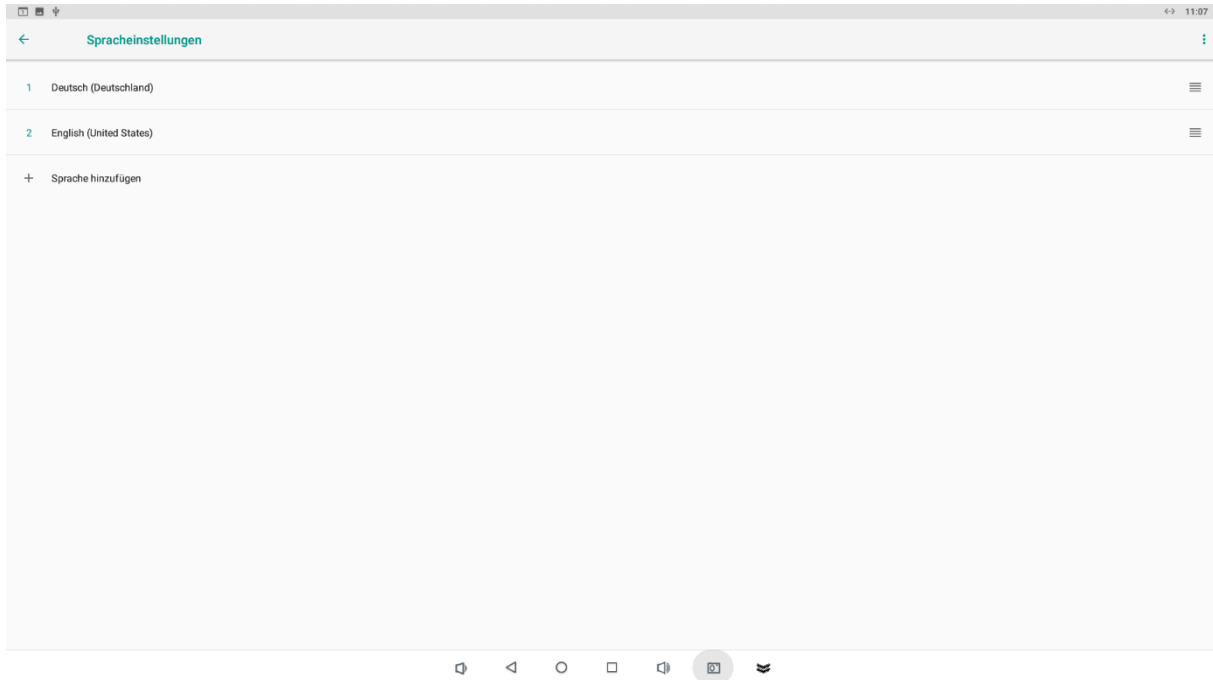
Öffnen Sie die App „Einstellungen“

Wählen Sie unter „System“, anschließend „Sprache & Eingabe“, klicken Sie anschließend auf Sprache und wählen Sie die gewünschte Sprache aus





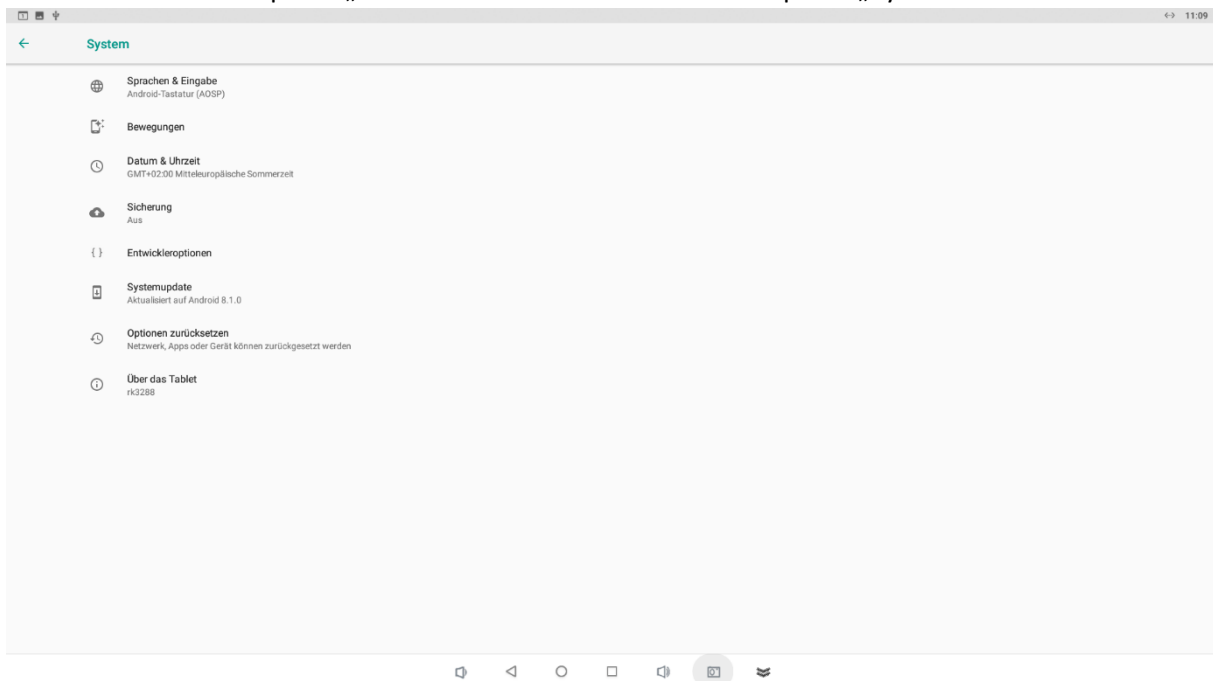
Die Sprache aktivieren Sie, indem Sie am rechten Rand die Sprache nach oben ziehen.



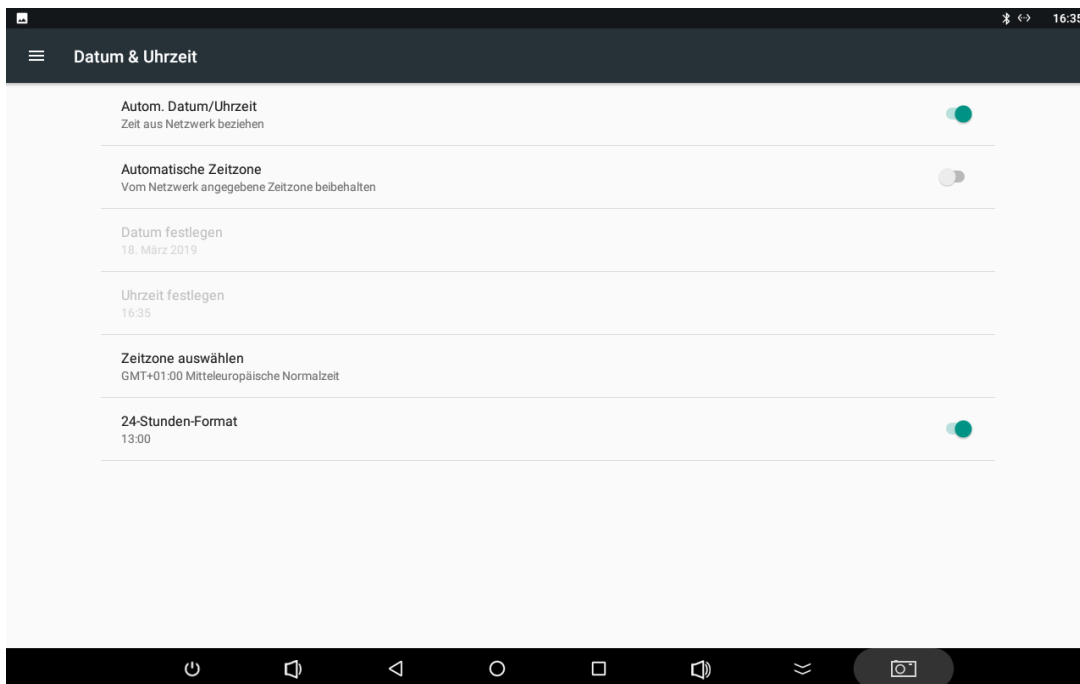
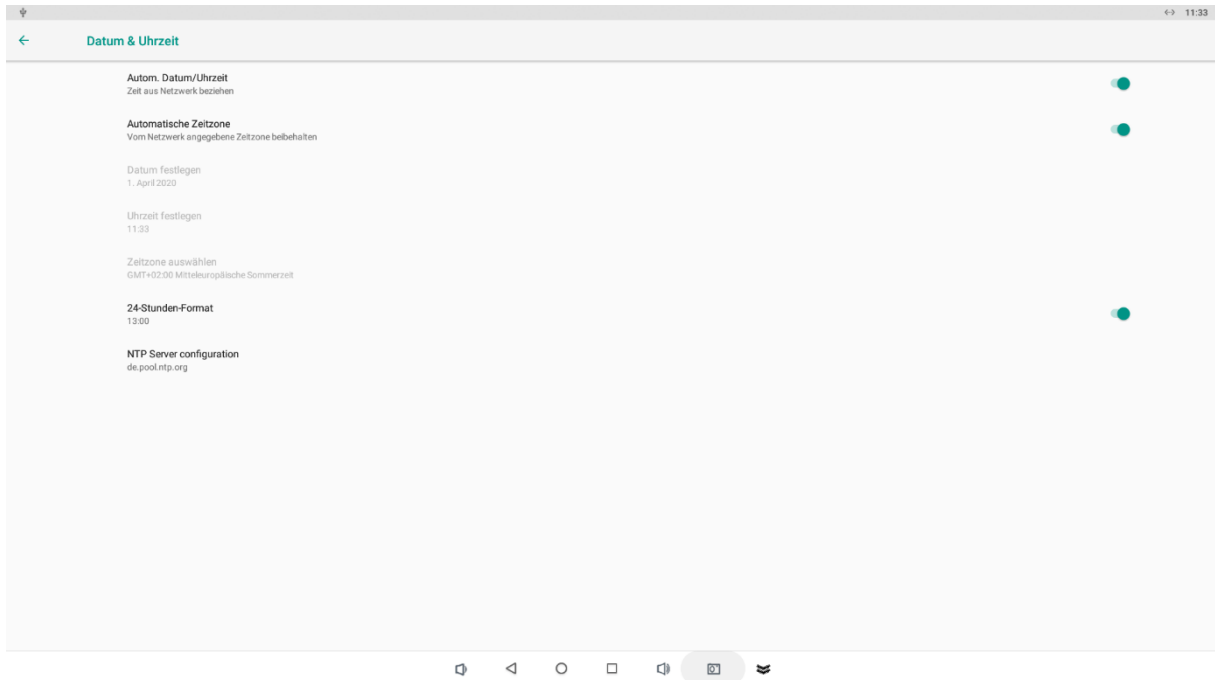
Einstellungen Zeitzone, Datum und Uhrzeit ändern

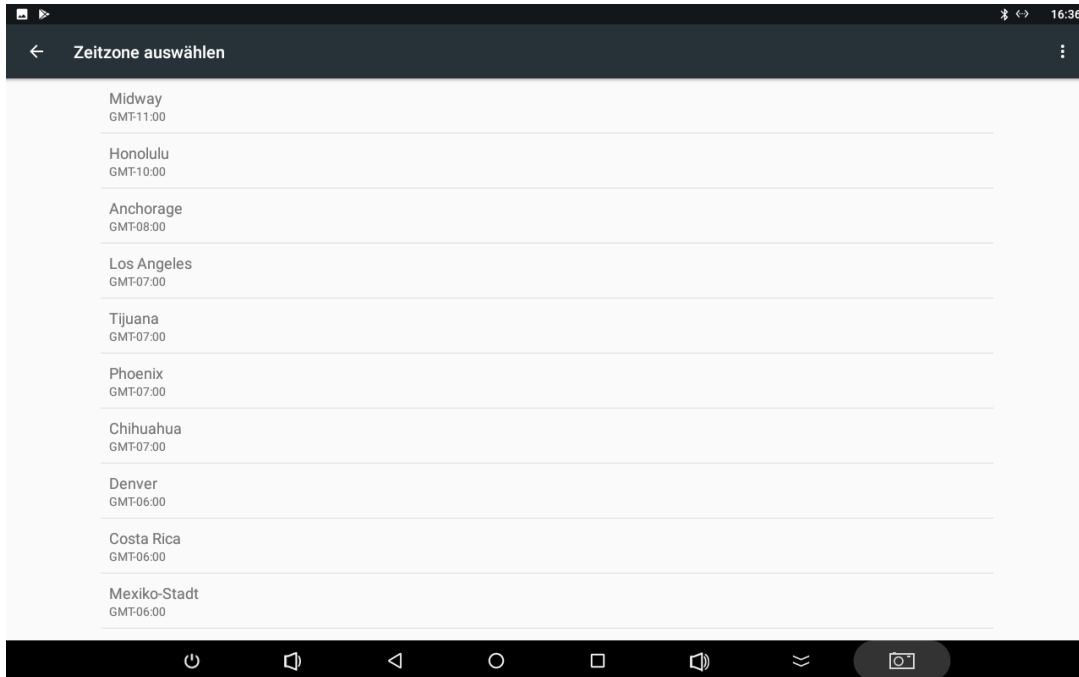
Öffnen Sie die App „Einstellungen“ den Punkt „System“ aus.

Wählen Sie den Menüpunkt „Datum und Uhrzeit“ aus dem Menüpunkt „System“.



Die passende Zeitzone können Sie entweder automatisch über das Netzwerk beziehen oder manuell über den Punkt „Zeitzone auswählen“ ändern.



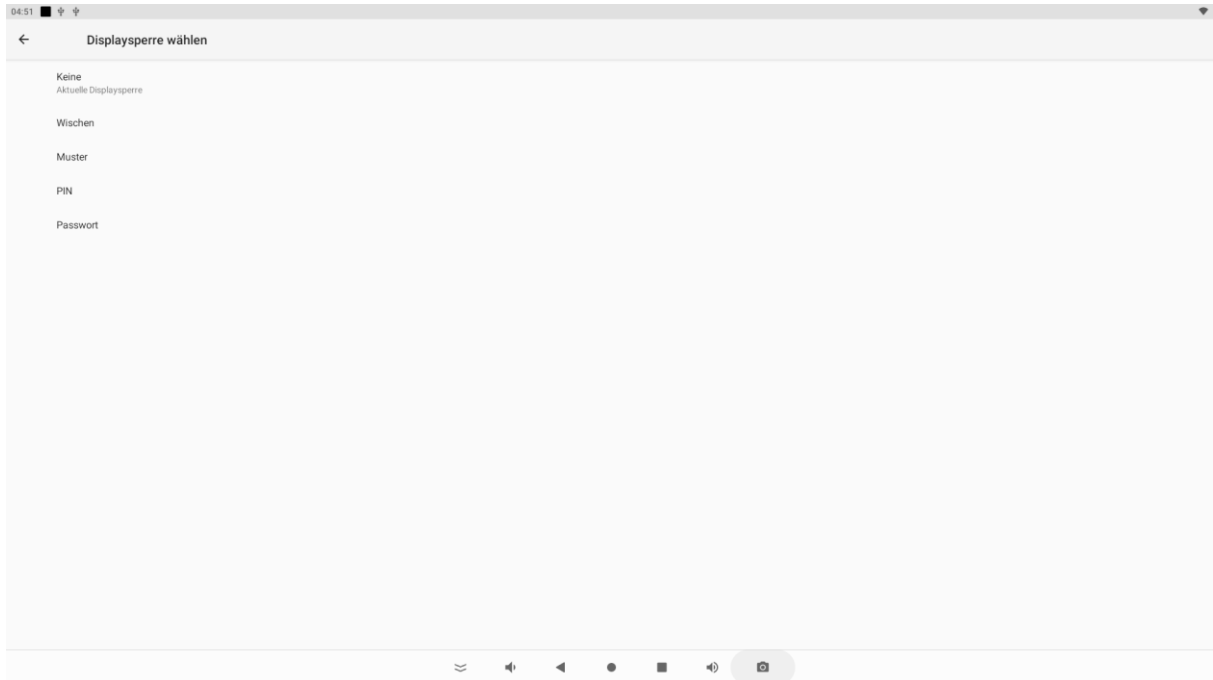


## Einstellungen Displaysperre

Öffnen Sie die App „Einstellungen“ und anschließend den Punkt „Sicherheit“.



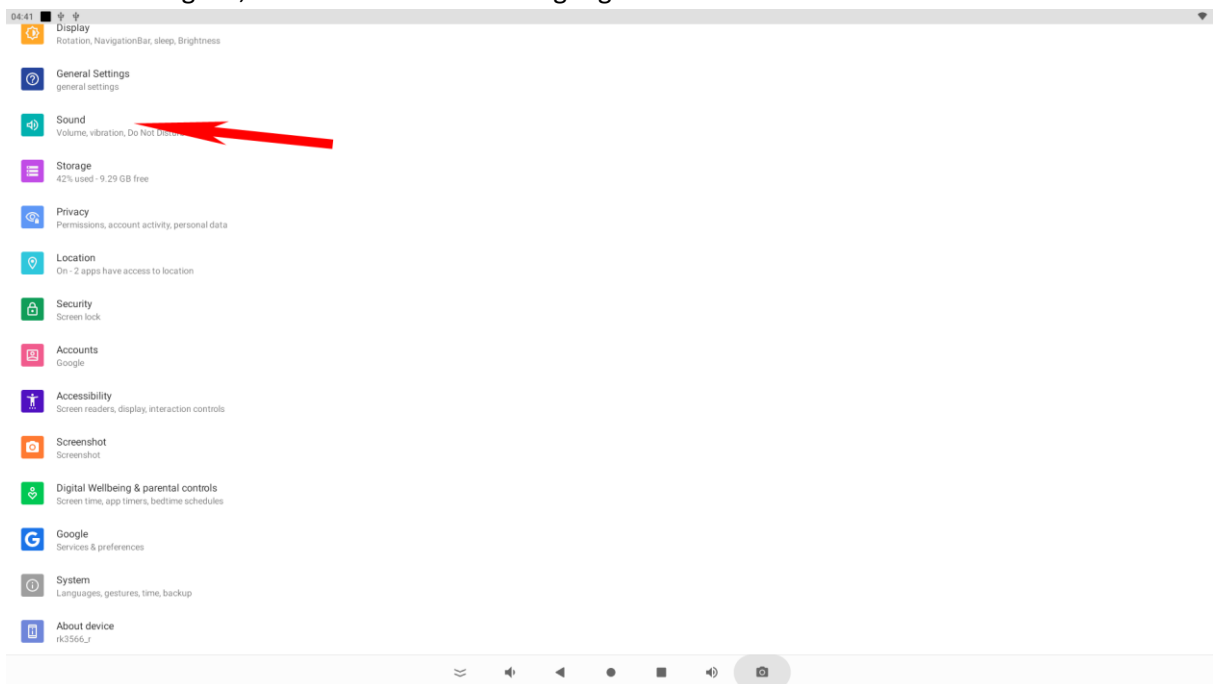
Unter dem Punkt „Gerätesicherheit/Displaysperre“ können Sie dann unter anderem eine PIN zum entsperren des Tablets vergeben.



### Einstellung Lautstärke ändern

Öffnen Sie die App „Einstellungen“

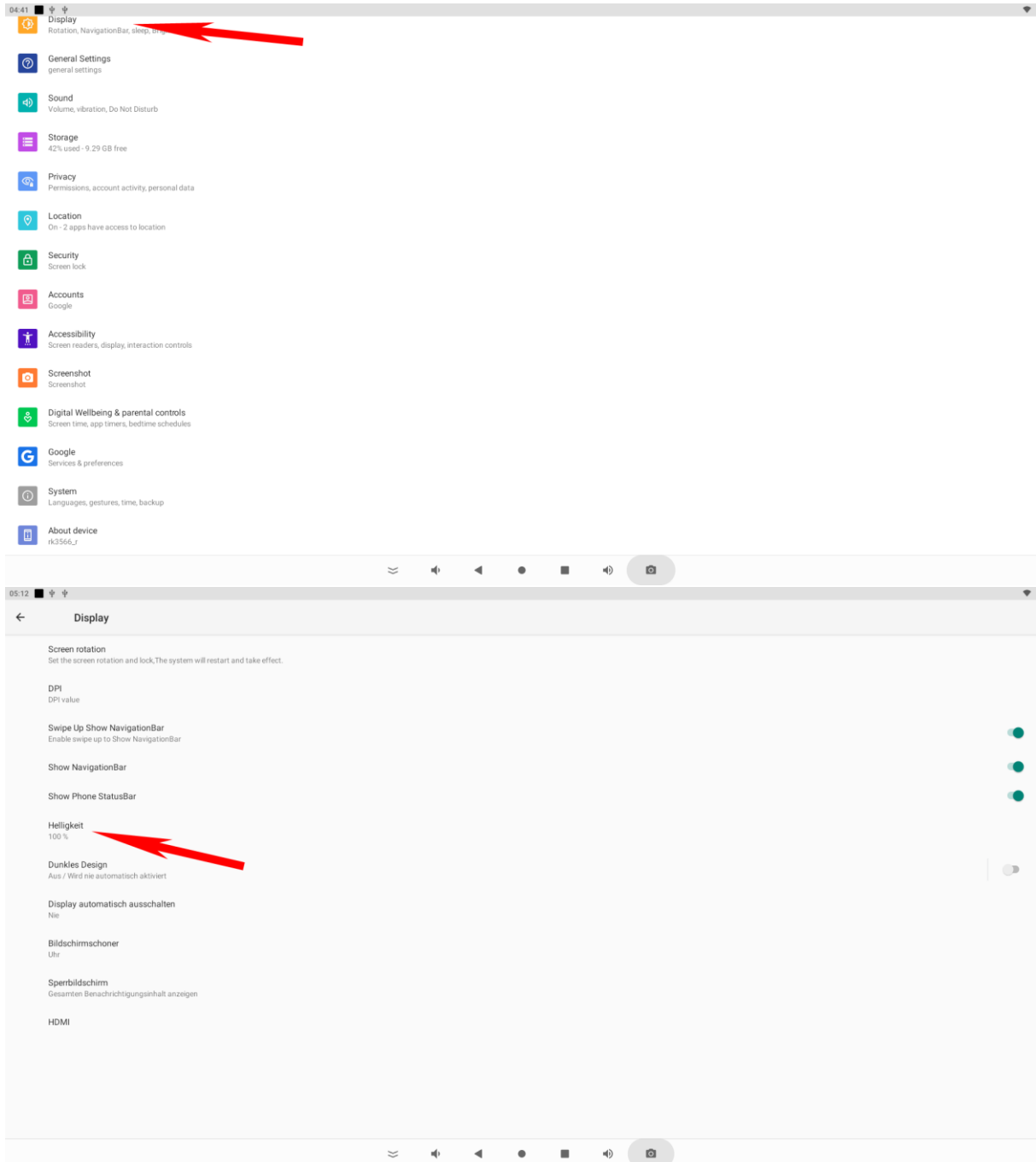
Wählen Sie den Menüpunkt „Töne“ aus dem Menüpunkt „Gerät“. Hier können Sie die Lautstärke für Medienwiedergabe, Wecker und Benachrichtigungen einstellen.



### Einstellungen Display

Öffnen Sie die App „Einstellungen“

Wählen Sie „Display“, klicken Sie anschließend auf Helligkeitsstufe, jetzt können Sie die Helligkeit stufenlos einstellen. Neben der Helligkeit, können Sie auch den Hintergrund ändern oder ein Bildschirmschoner wählen.







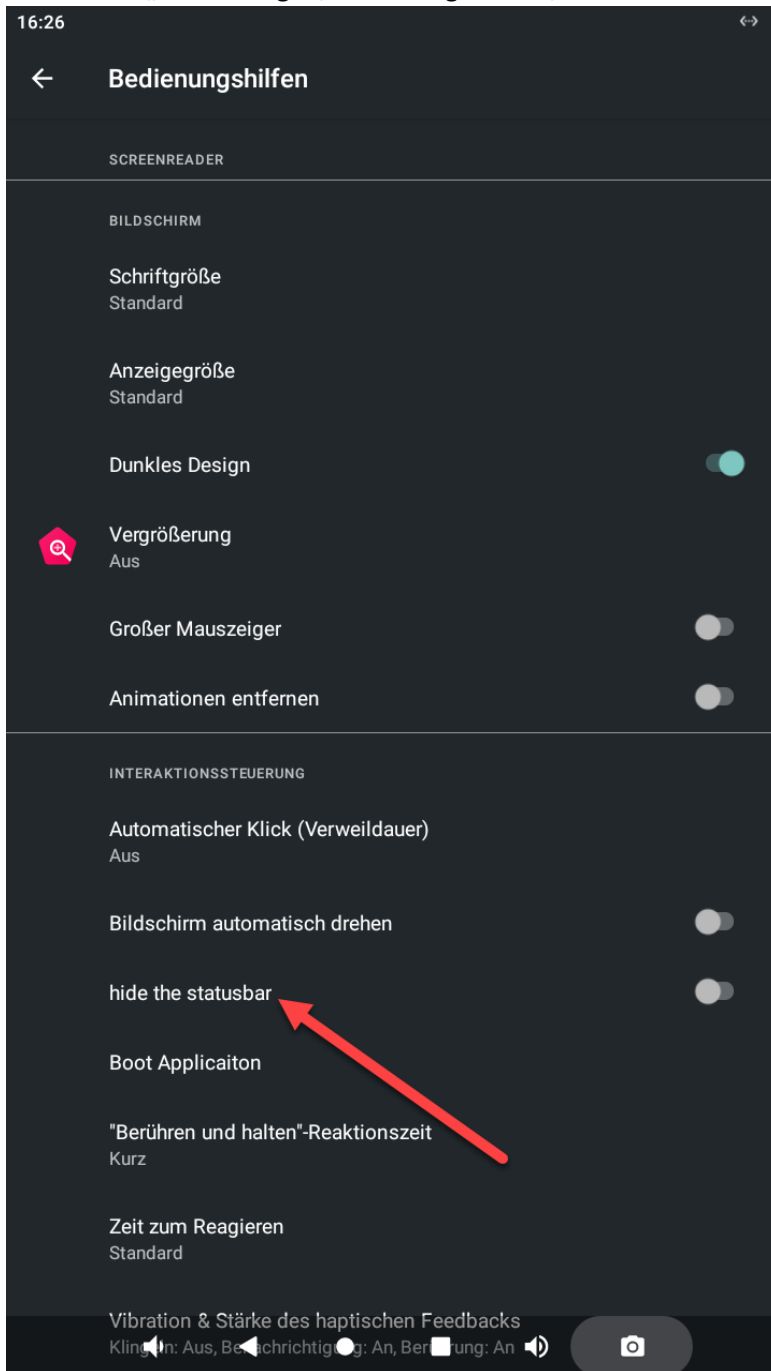
LED Ansteuerung API

```
echo o > /sys/devices/virtual/adw/adwdev/adwred  
echo c > /sys/devices/virtual/adw/adwdev/adwred  
echo o > /sys/devices/virtual/adw/adwdev/adwgreen  
echo c > /sys/devices/virtual/adw/adwdev/adwgreen  
echo o > /sys/devices/virtual/adw/adwdev/adwblue  
echo c > /sys/devices/virtual/adw/adwdev/adwblue
```

Navigationsleiste/Statusleiste ausblenden

Öffnen Sie die App „Einstellungen“

Wählen Sie „Einstellungen/Bedienungshilfen“, schalten Sie anschließend „hide the statusbar“, an.

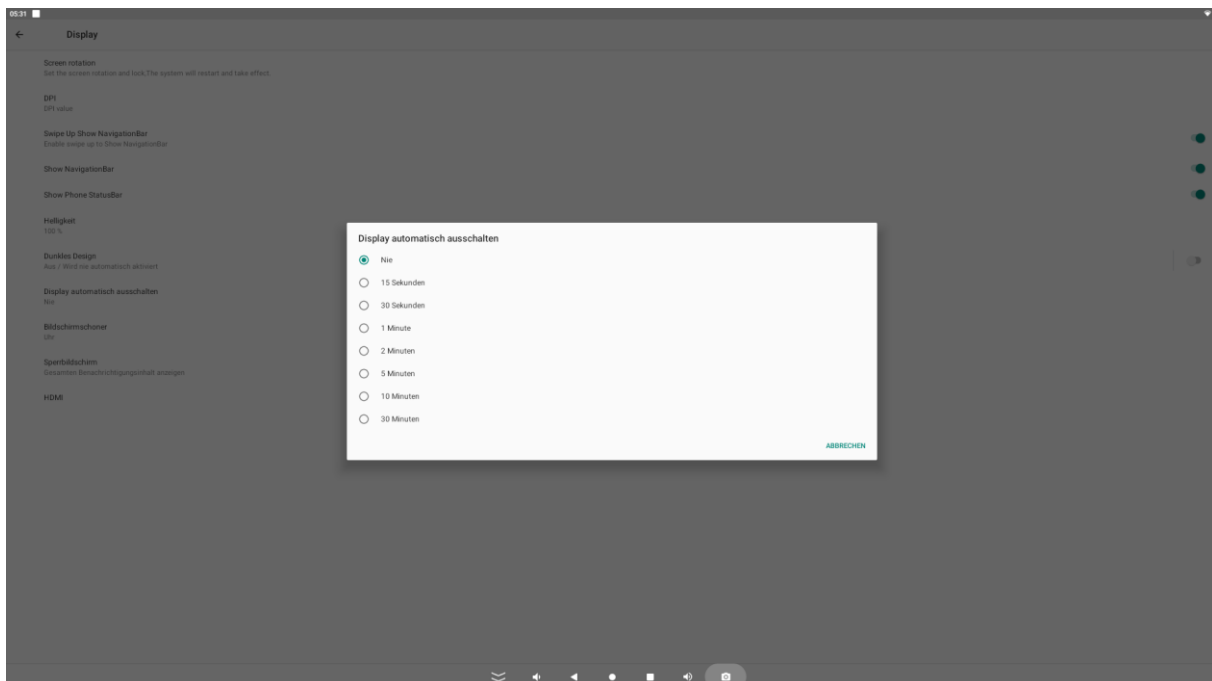
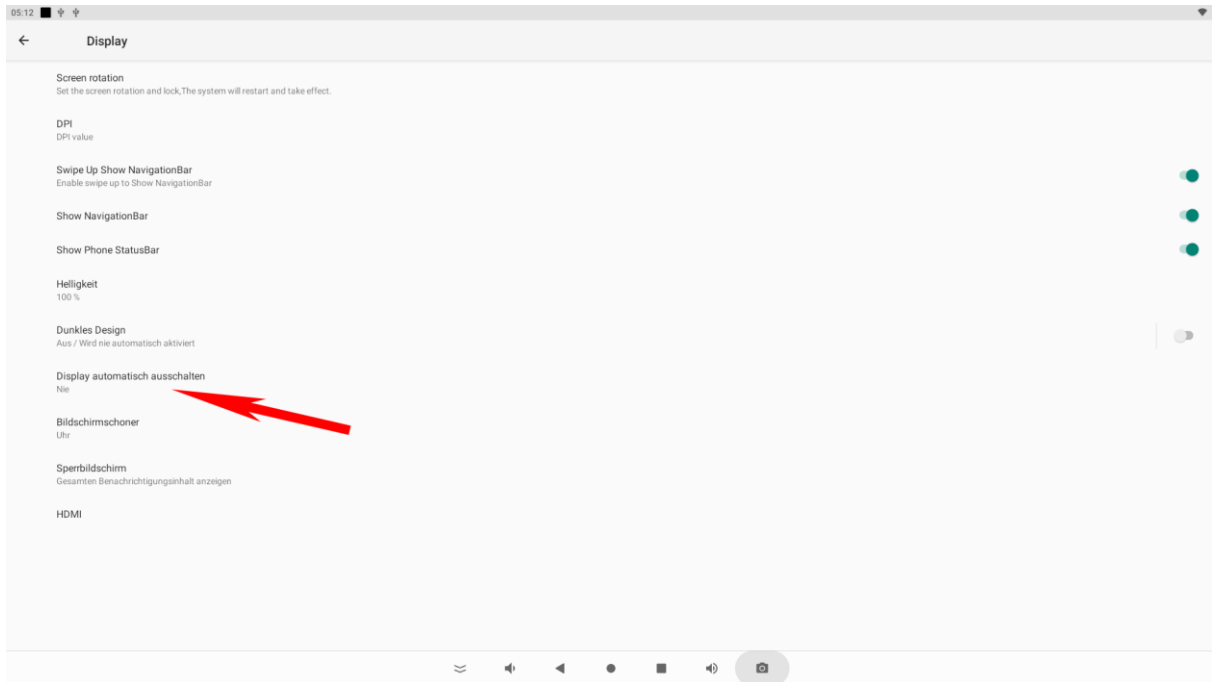


Sie können auch das Tablet mit einer Maus und einer Tastatur bedienen. Die linke Taste ist der „Mausklick“, die rechte Maustaste ist die „Zurück“ Taste

### Einstellungen „Display automatisch ausschalten“

Öffnen Sie die App „Einstellungen“

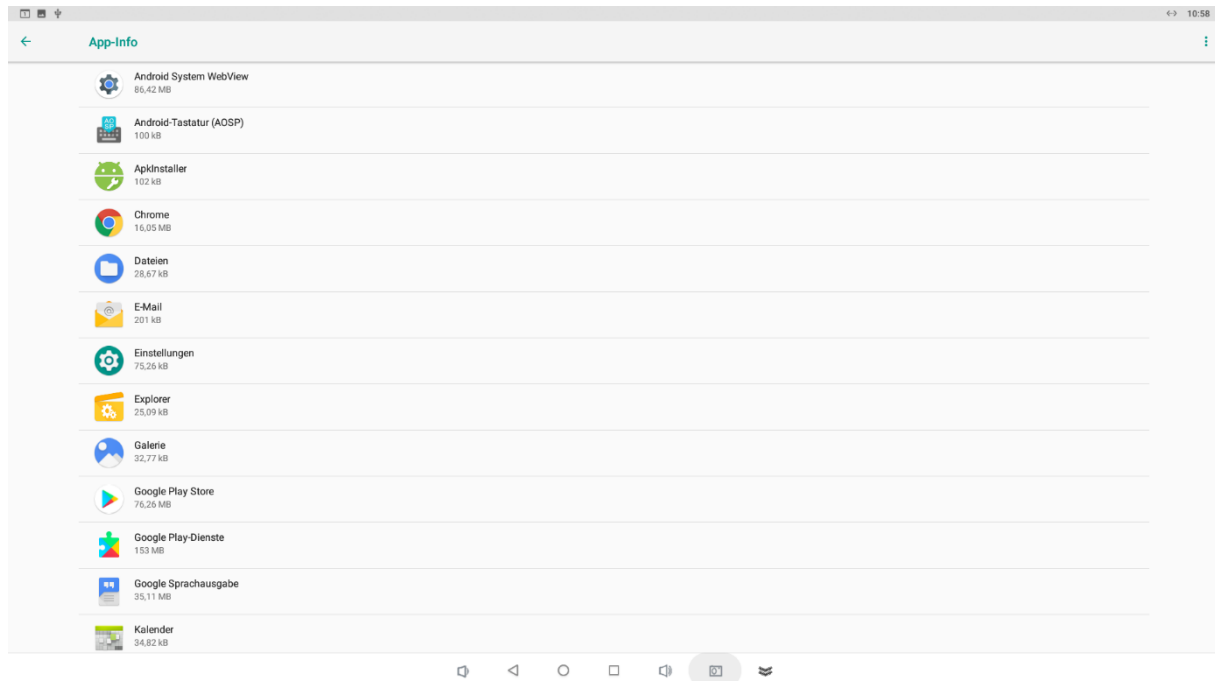
Wählen Sie „Display“, klicken Sie anschließend auf Erweitert/ Ruhezustand, jetzt können Sie die Ausschaltzeit des Displays einstellen. Durch aktivieren des Menüpunktes „Nie“ bleibt der Bildschirm bis zum Ausschalten des Tablets durchgehend aktiv.



### Verbindung zum Google Play Store

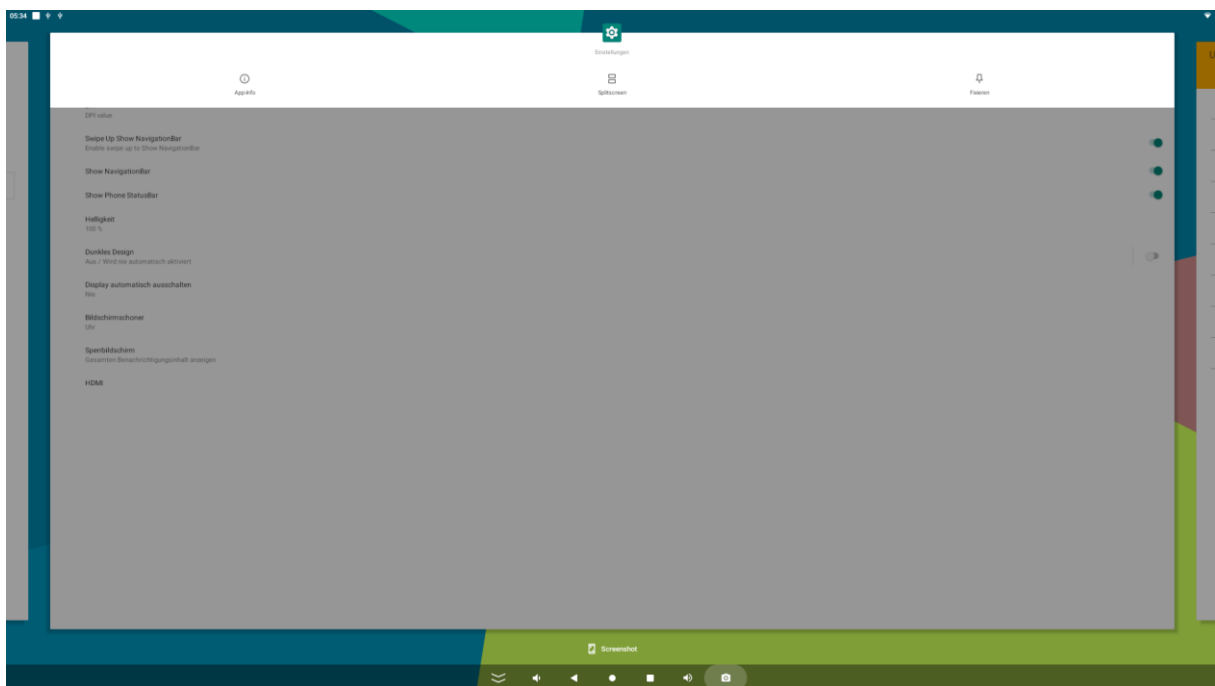
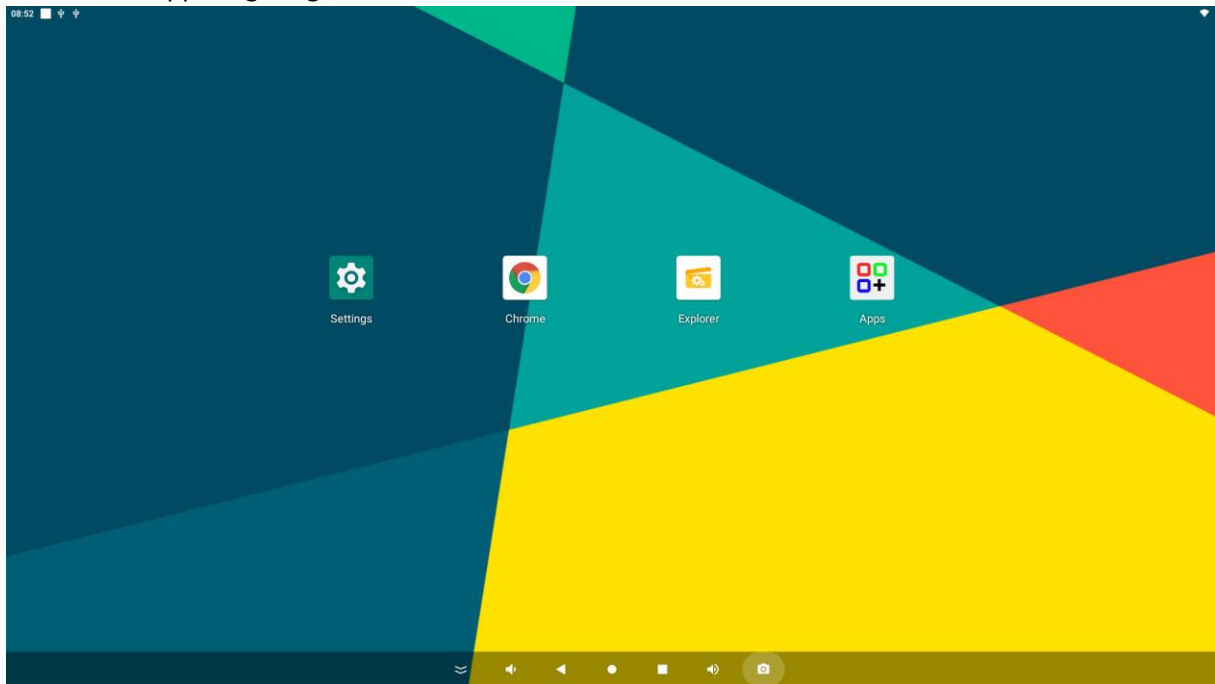
Öffnen Sie die Play Store App und melden Sie sich mit Ihren Google Kontodaten an um die gewünschten Apps zu installieren. Falls Sie noch über kein Konto verfügen, können Sie direkt über die App ein neues Konto anlegen. Sollten Sie ein Problem mit dem Start des Playstores haben, ist eine

Komponente (Google SystemWebView.apk) des Google Frameworks veraltet und muss aktualisiert werden. Hierzu muss unter Einstellungen/Apps der Chrome Browser deaktiviert werden, damit die SystemWebView.apk sichtbar wird. Das Tablet sollte diese automatisch nach einiger Zeit aktualisieren, deshalb angeschaltet und an der Internetverbindung belassen. Diese App kann auch von ext. Downloadseiten wie APK Mirror heruntergeladen werden. Bitte beachten Sie das der Download von ext. Seiten riskant sein kann. Wir übernehmen hierfür keine Haftung!



### App beenden

Klicken Sie auf das rechteckige Symbol in der unteren Navigationsleiste. Im Anschluss bekommen Sie alle aktiven Apps angezeigt, die Sie dann nach Wunsch schließen können.



### Funktion Splitscreen:

Um zwei Apps gleichzeitig anzeigen zu lassen gibt es diese Funktion.

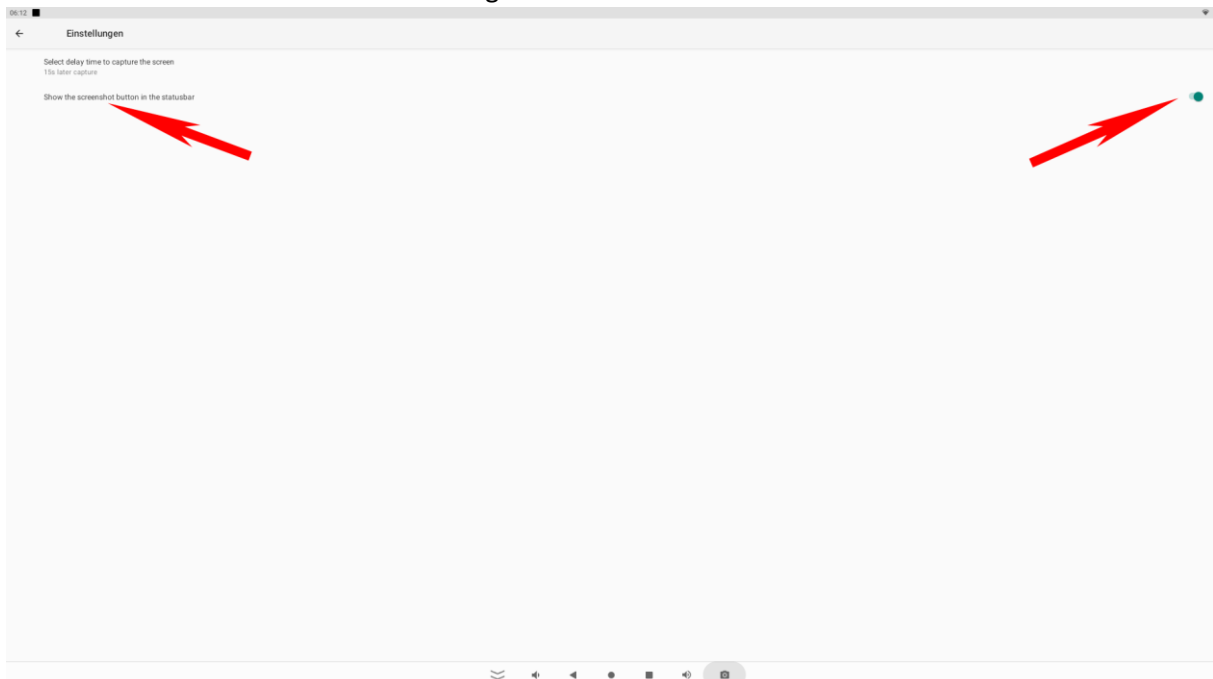
Klicken Sie auf das rechteckige Symbol in der unteren Navigationsleiste. Im Anschluss bekommen Sie alle aktiven Apps angezeigt. Klicken sie auf das obere Logo in der Mitte der zu verwendenden APP. Es öffnet sich ein Menü. Dort auf Splitscreen klicken und die zweite App per Klick auswählen. Diese müssen vorher geöffnet werden, damit man Sie auswählen kann.

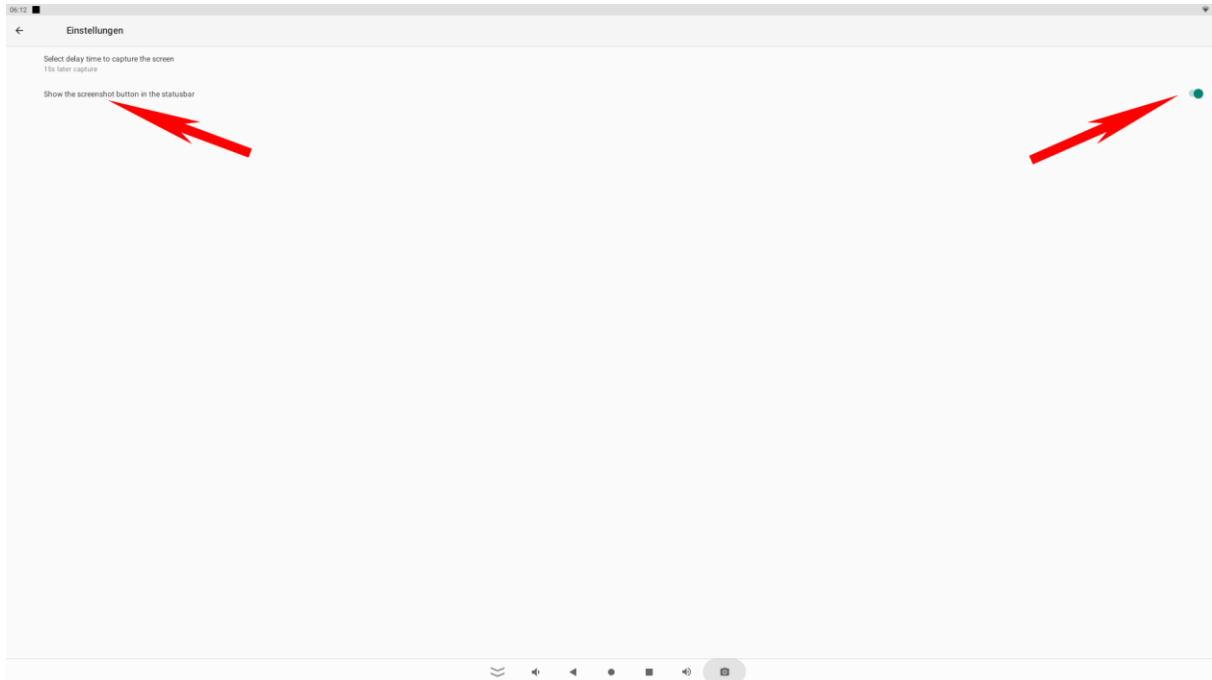
## Screenshot erstellen

Unter Einstellungen finden sie den Punkt „Screenshot“. Bei Klick öffnet sich ein Einstellungsfenster.



Hier können Sie die Funktion in der Navigations-Bar anschalten.





#### Update Firmware:

Zum Update der Firmware muss das Tablet mit einem USB Kabel USB Typ-A auf Typ-A Stecker an den PC angeschlossen werden. Bevor Sie es anschließen bitte die Rockchip Treiber über das Tool Rockchip DriverAssistant installieren.

**Hinweis: Bitte kontrollieren Sie, dass keine anderen ADB Treiber auf dem System installiert sind. Dies kann zu Fehlern in der Erkennung des Tablets führen.**

Zum Flashen der Firmware benötigen Sie das AndroidTool\_Release v5.1.1

Hier die einzelnen Schritte:

1. Installieren Sie den Treiber "Release\_DriverAssitant".
2. Android-Tool starten
3. Verbinden Sie den USB-Anschluss mit dem PC und dem Tablet und schließen das Netzteil an
4. Sie sehen nun ein ADB-Device im Android Tool
5. Drücken Sie den Button Firmware unter dem Reiter "Upgrade Firmware" und wählen das Linux/Android Image aus
6. Drücken Sie dann den Button "Switch"
7. Das Tablet sollte nun den Bildschirm ausschalten und im Android Tool sollte ein Loader Device stehen, dauert ca. 30sek. Sollte das nicht funktionieren, gibt es ein kleines Löchlein neben dem Stromanschluss am Tablet. Dort mit einer aufgebogenen Büroklammer den Schalter dahinter ertasten und gleichzeitig Strom geben. Den Schalter für ca. 3 Sekunden gedrückt halten.
6. Dann drücken Sie den Button "EraseFlash", nur nötig bei Fehlern oder bei Systemwechsel
7. Wenn der Vorgang beendet ist, können Sie auf den "Button" Upgrade klicken und das Image flasht das Linux/Android auf das System.
8. Das Gerät startet nach dem Update Vorgang automatisch neu.

## Bei Problemen/ FAQ

- Das Display startet nicht: Bitte überprüfen Sie die Stromversorgung. Steckt das Kabel des Netzteils richtig im Gerät? Überprüfen Sie bitte auch den Kaltgerätestecker im Netzteil. Bei der Stromversorgung über PoE (Power over Ethernet): Bitte kontrollieren Sie den RJ45 Stecker ob er richtig eingeklickt ist. Das Kabel sollte mindestens Cat5e für Displays bis 15 Zoll und Cat6 für Displays ab 15 Zoll entsprechen um die Leistung zu übertragen. Kontrollieren Sie bitte ob der Switch genügend Leistung zur Verfügung stellt und ob das Display an einem PoE Port angeschlossen ist. Nur Standard konformes PoE darf verwendet werden. Bei passivem PoE kann ihr Display zerstört werden. Hierfür wird keine Garantie übernommen.
- Ich bekomme keine Ethernet/ Internet Verbindung: Bitte schalten Sie das WLAN aus. Schalten Sie die Ethernetverbindung aus und wieder an und kontrollieren Sie die IP Adress-Einstellungen, ob sie eine statische IP eingestellt haben. Die WLAN Verbindung und Bluetooth sollten bei Nichtbenutzung immer auf deaktiviert stehen um Probleme zu vermeiden.
- Updates sind nicht automatisch und über OTA (Over the Air) zu bekommen. Sollten Sie hierzu Fragen haben, bitte auch an den Support wenden.
- Sollten Sie eine Fehlermeldung bei den Einstellungen haben, es kann z.B die Ethernet Verbindung nicht geöffnet werden, stellen Sie bitte die Sprache auf Englisch/USA um und probieren die Einstellung erneut zu öffnen.

### Hinweise zur Altgeräteentsorgung:

Die Geräte sind an Endkunden (B2C) gerichtet und sind laut ElektroG3 Gesetz hierfür gekennzeichnet.

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**ALLNET Logistik Wunsiedel**

Luisenburgerstr. 24  
95632 Wunsiedel





**CE-Declaration of Conformity**

For the following equipment:

Germering, 26th of July, 2022

**ALLNET Touch Display Tablet 8 Zoll RK3568 with PoE**

**ALLTAB-UD-8RK3568A11**



The safety advice in the documentation accompanying the products shall be obeyed. The conformity to the above directive is indicated by the CE sign on the device.

The **ALLTAB-xxRK3568A11PoE** conforms to the Council Directives of 2014/53/EU.

This equipment meets the following conformance standards:

Standard(s):		Test report(s) No.:
Article 3.1a)	EN 62368-1:2014+A11:2017	S22030203503001
	EN IEC 62311:2020	S22030203502001
Article 3.1b)	ETSI EN 301 489-1 V2.2.3 (2019-11)	S22030203501001
	ETSI EN 301 489-17 V3.2.4 (2020-09)	
	EN 55032:2015+A11:2020	
	EN 55035:2017+A11:2020	
	EN IEC 61000-3-2:2019	
	EN 61000-3-3:2013+A1:2019	
Article 3.2	ETSI EN 300 328 V2.2.2 (2019-07)	S22030203502002
		S22030203502003
		S22030203502004

This equipment is intended to be operated in all countries.

This declaration is made by

ALLNET GmbH Computersysteme  
Maistraße 2  
82110 Germering  
Germany  
Germering, 04.07.2022

  
Wolfgang Marcus Bauer  
CEO

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- Do not use your device during a thunderstorm. There may be a risk of electric shock brought about by lightning.
- Do not expose your device to dust or corrosive liquids.
- Do not use this product near water sources.
- Make sure to connect the cables to the correct ports.
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