



Kurzanleitung zu den wichtigsten Funktionen

ProductNr.: 5 Zoll (208834)

ALLNET Android 5 Zoll PoE Display für Unterputzdosen



Verpackungsinhalt

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

- ALLNET 7 Zoll Display
- Gedruckte Kurzanleitung



Inhalt

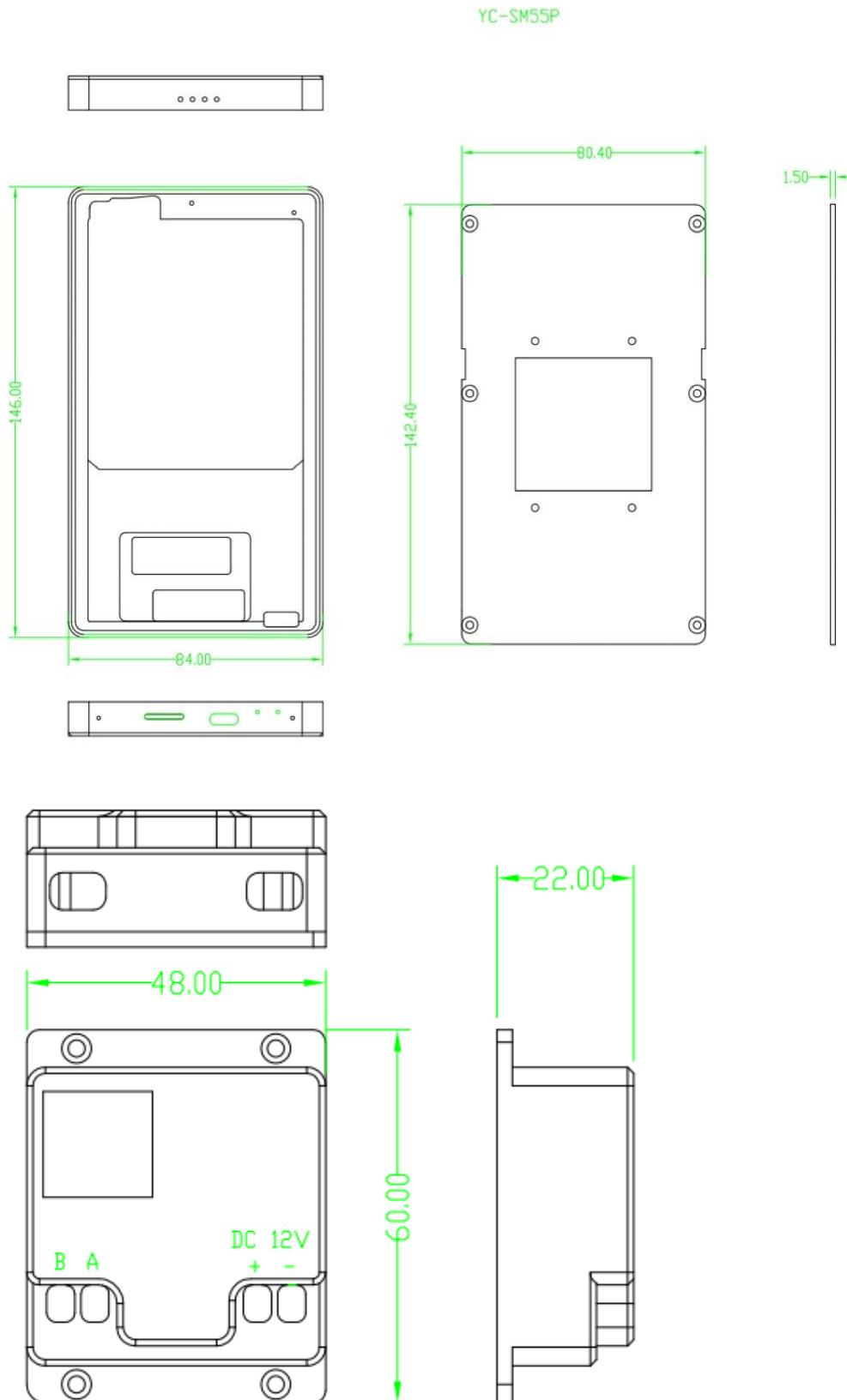
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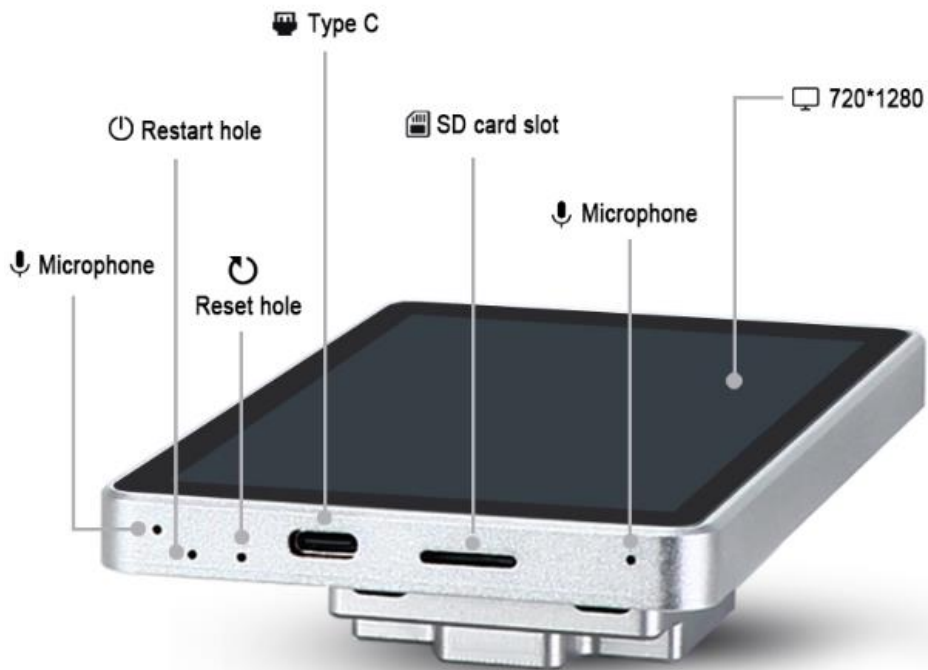


Technische Infos:

- RK3566, Quad-core (Quad-core A55, 1.8GHz)
- Resolution: 1280x720 5" Zoll; LCD IPS panel
- Android 11
- 10-Point kapazitiver Multi Touchscreen
- 2GB/16GB
- Mikrofon
- Ethernet 100/1000M RJ45 PoE IEEE802af
- WLAN 2,4 b/g/n
- Bluetooth 5.0 (2,4GHz)
- 1xRS485
- 1x1W Lautsprecher
- USB Host/ USB-C OTG (Upgrade)/ SD Card
- Montage auf Unterputzrahmen 86x86mm
- Abmessungen: 145(L) x 83mm(B)x32 (H) (eingebaute Höhe: 10mm)
- Power Input: 12V DC
- Temperatur Betrieb: 0 ~ 40 °C
Luftfeuchtigkeit Betrieb: 10% ~ 90% (nicht kondensierend)
Temperatur Aufbewahrung: 0 ~ 80 °C
Luftfeuchtigkeit Aufbewahrung: 10% ~ 90% (nicht kondensierend)
- Kennzeichnung: Ce/RoHS

Abmessungen und Anschlüsse





Installation:





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.**

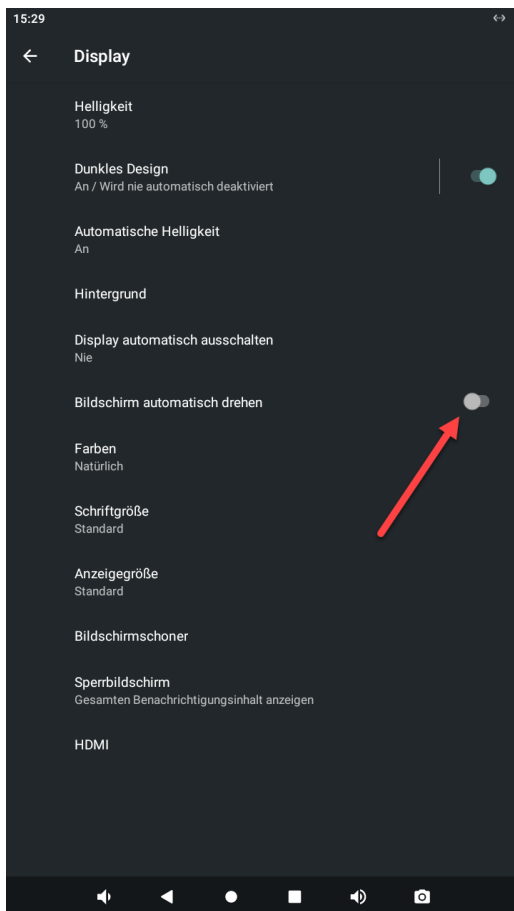
Schließen Sie das Tablet an die Stromversorgung an. Das Tablet startet automatisch.

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.

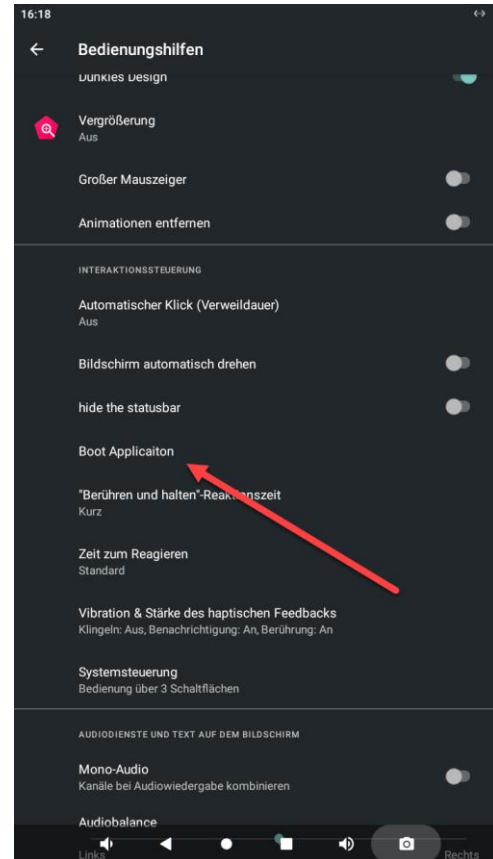
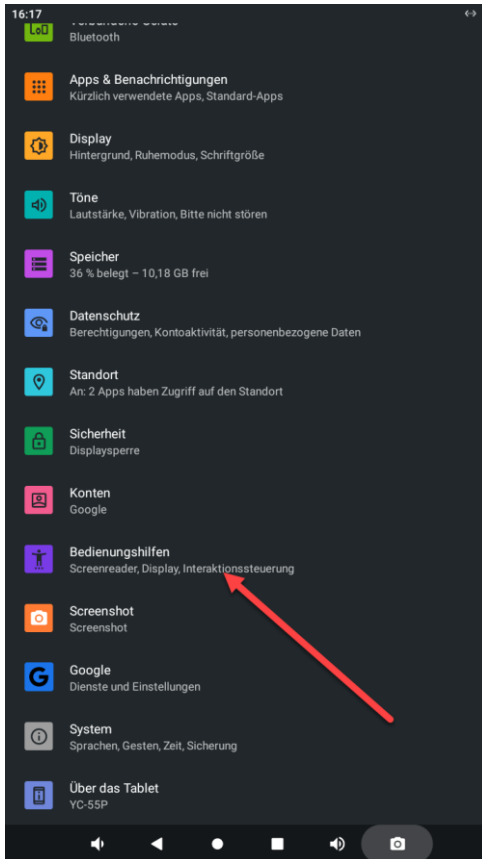
Den Schalter zur Rotation anschalten. In der gewünschten Position kann der Schalter wieder ausgeschalten werden, um die Rotation zu fixieren.

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.

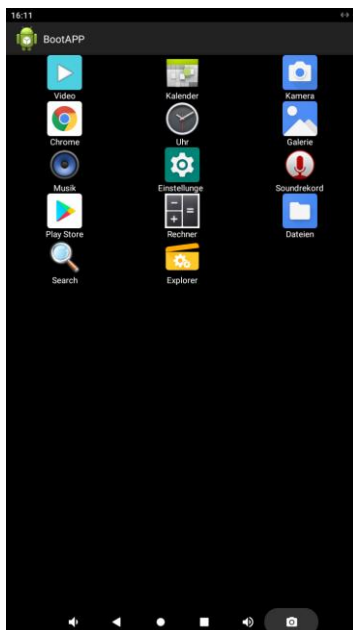


Automatischer Start einer Anwendung

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“

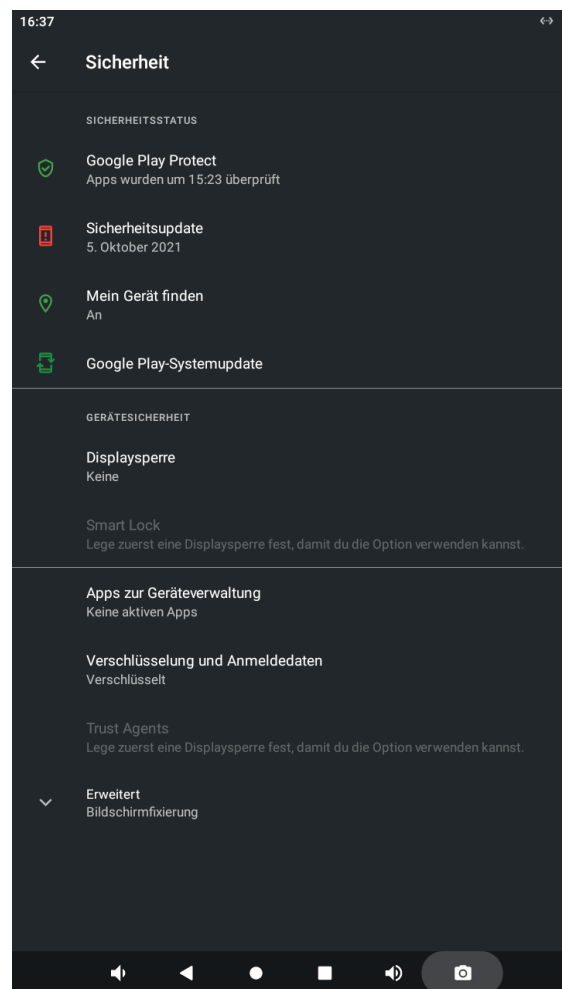
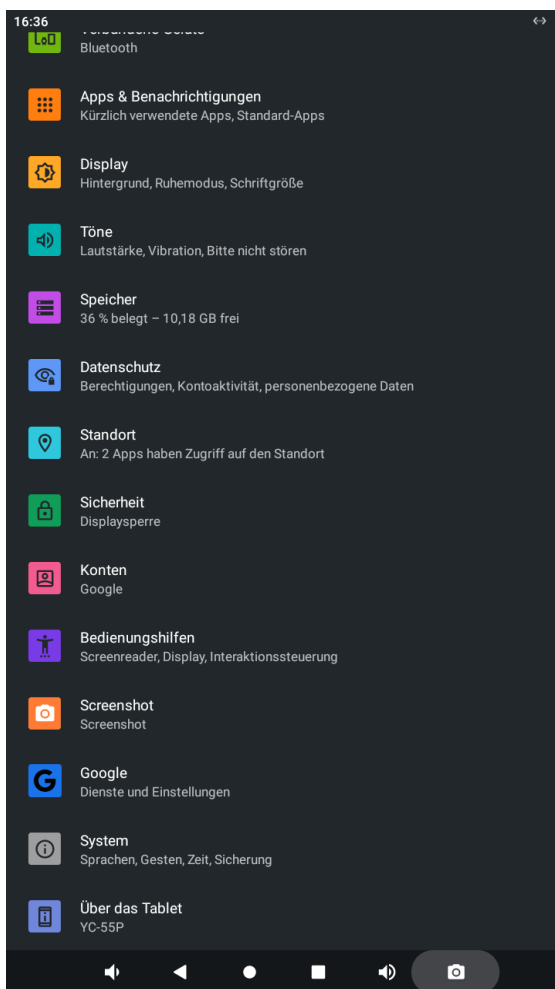


Fixierung einer APP

Zur Beachtung:

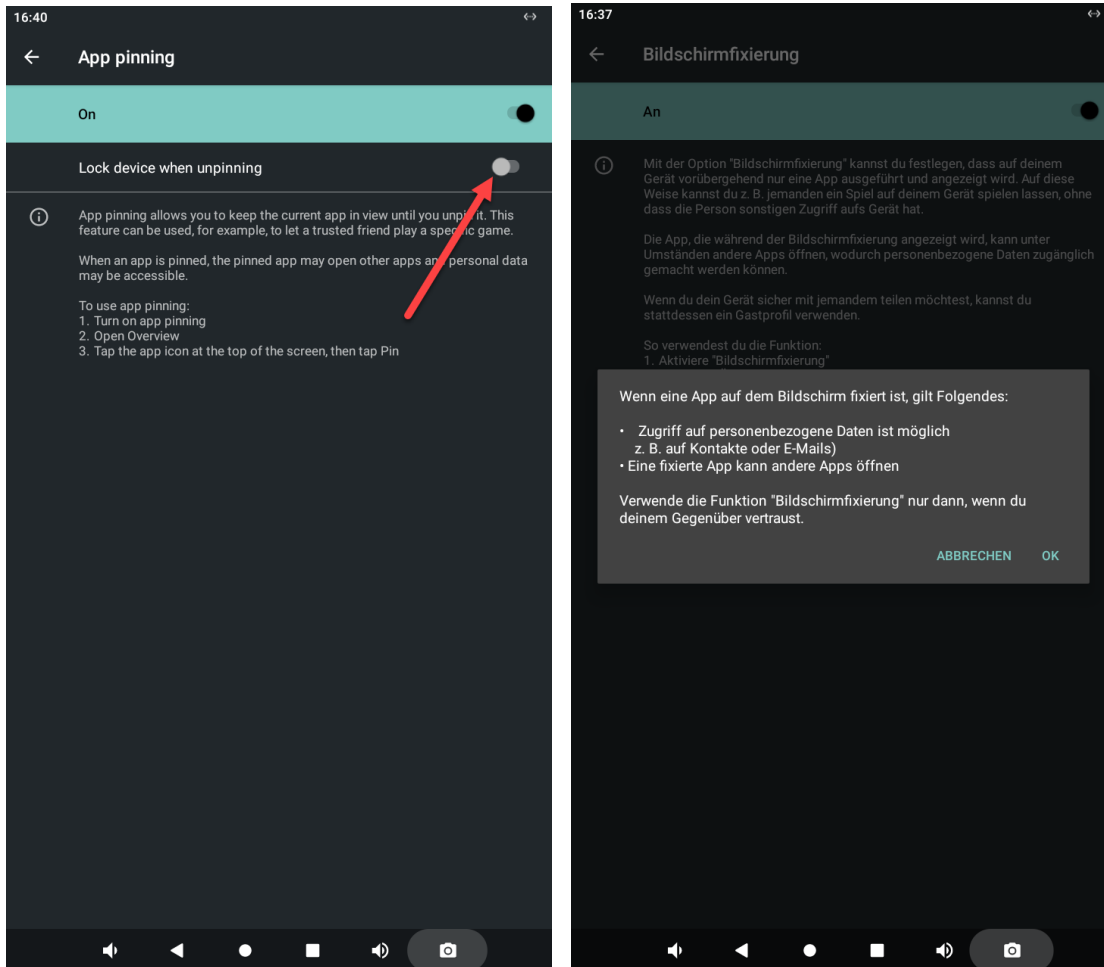
Dieser Kiosk Mode wurde nativ in Android integriert. Die Funktionsweise ist einfach und ist nur ein einfacher Schutz vor unbefugtem Zugriff. Die APP kann dennoch durch eine Tastenkombination beendet werden, außer man blendet die Navigationsbar aus. Eine einfache und eine professionelle Kiosk APP finden 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.



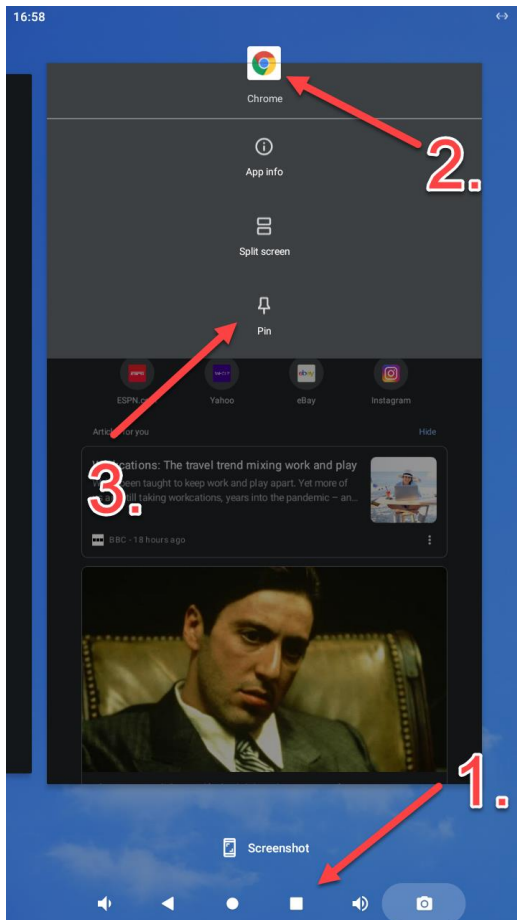
Dort gehen Sie bitte zu dem Punkt „Bildschirmfixierung/App Pinning“ und klicken darauf.

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.

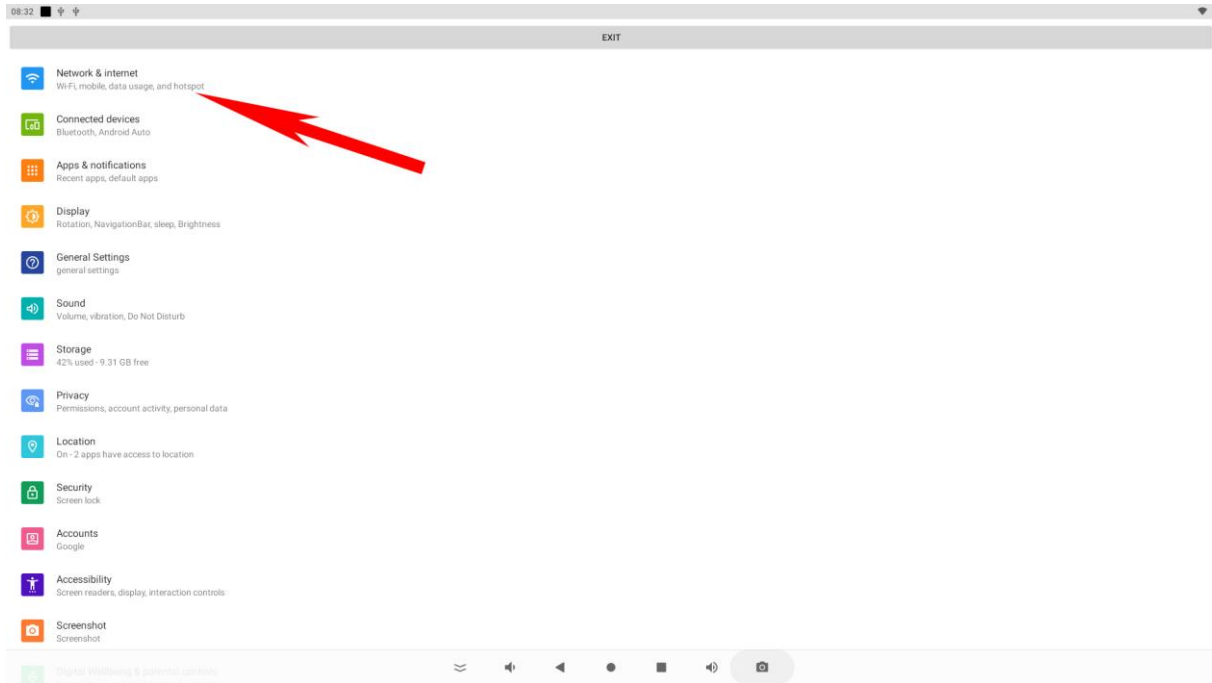


Diese Bildschirmfixierung ist nach einem Neustart nicht mehr aktiv und die Prozedur zur Fixierung muss erneut durchgeführt werden.

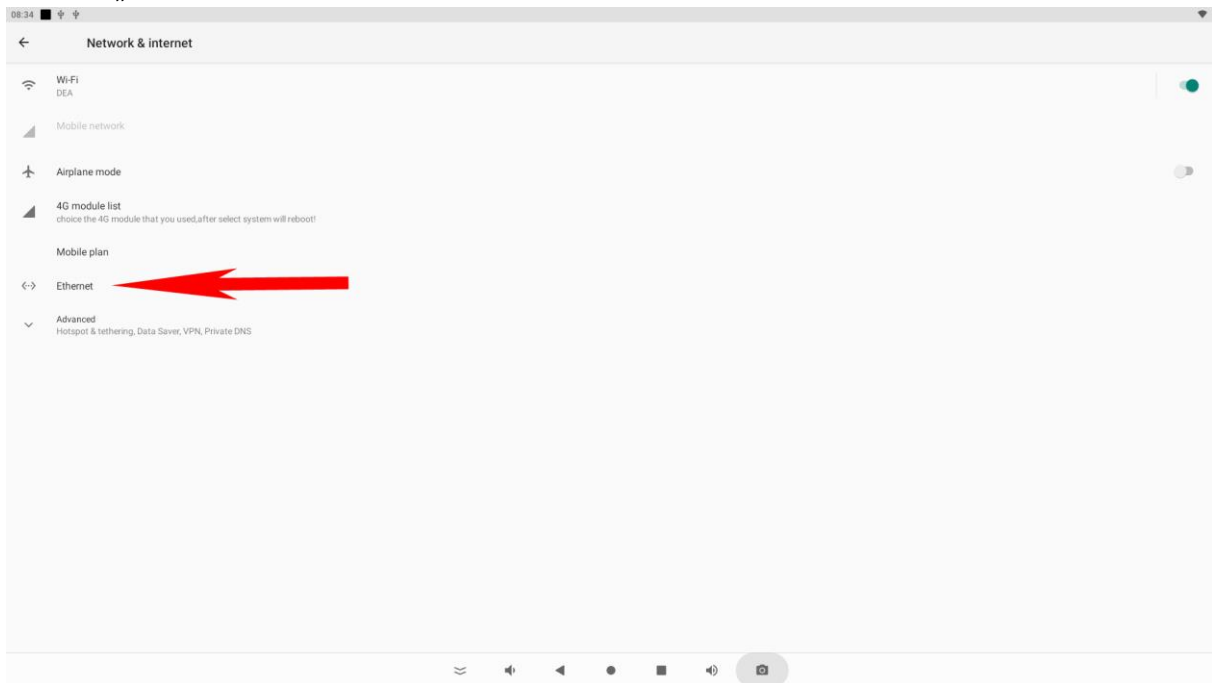
Einrichtung Ethernet

Öffnen Sie die „Einstellungen“

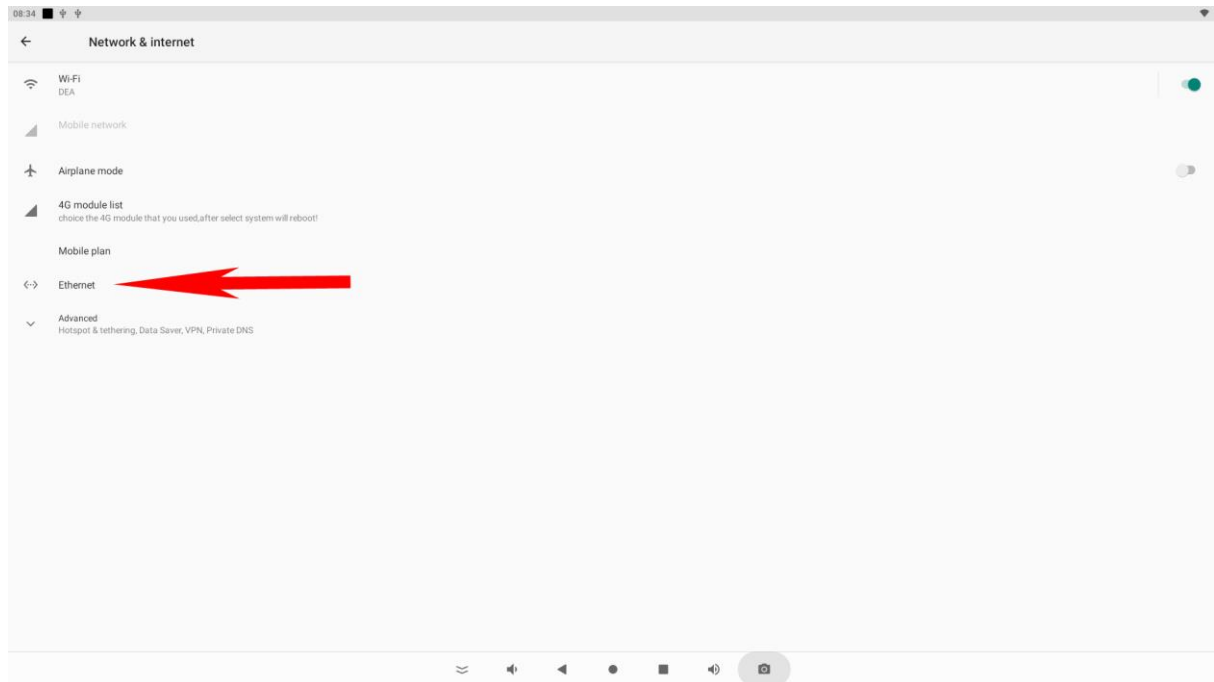
Wählen Sie „Netzwerk&Internet“, klicken Sie anschließend auf „Mehr“



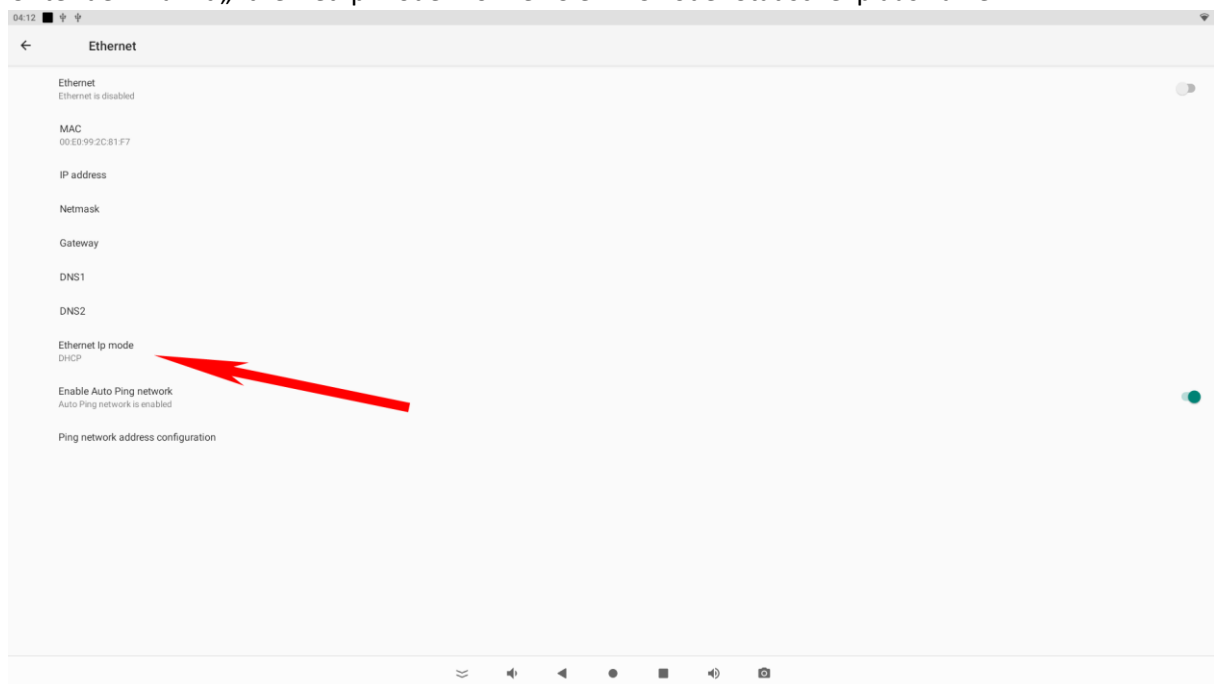
Bitte auf „Ethernet“ klicken



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



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



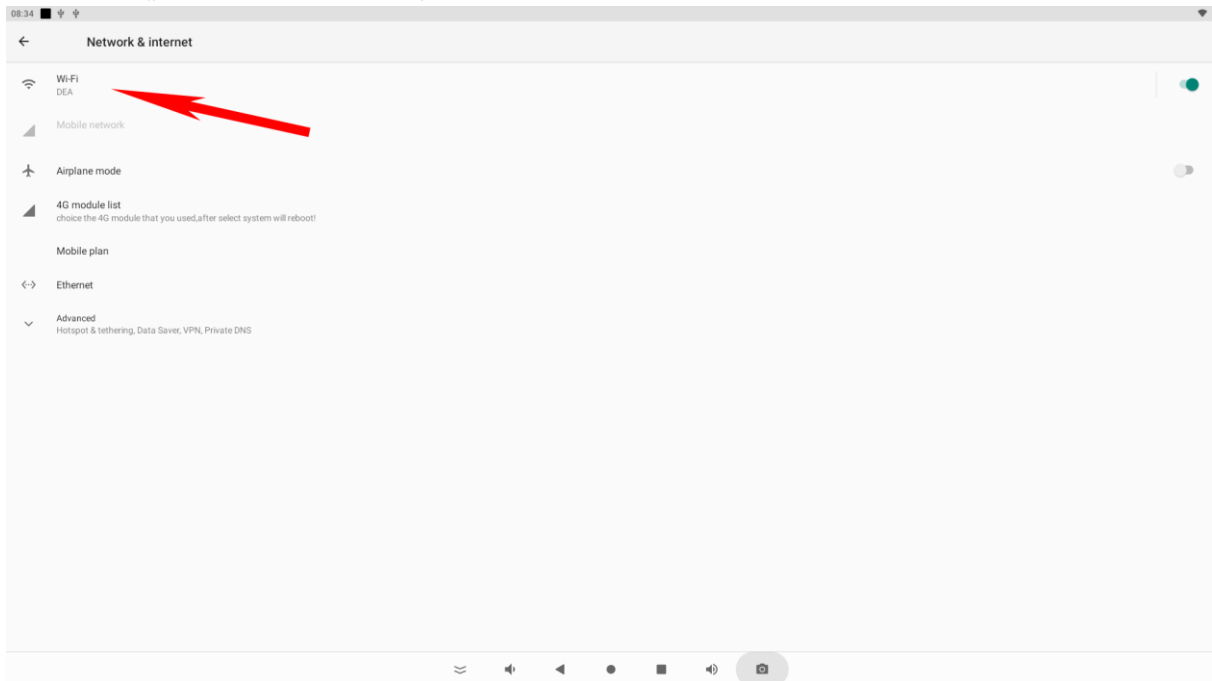
Auto-Ping – dauerhafte Netzwerkverbindung einrichten

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

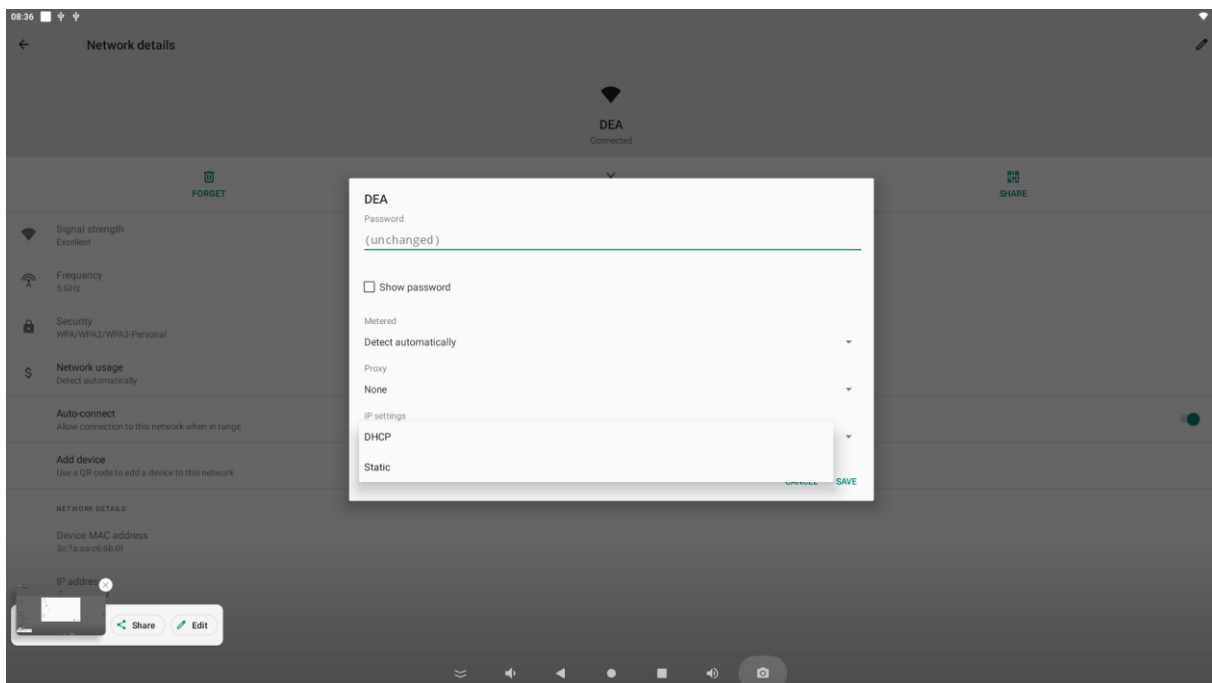
Eirichtung W-LAN

Öffnen Sie die App „Einstellungen“

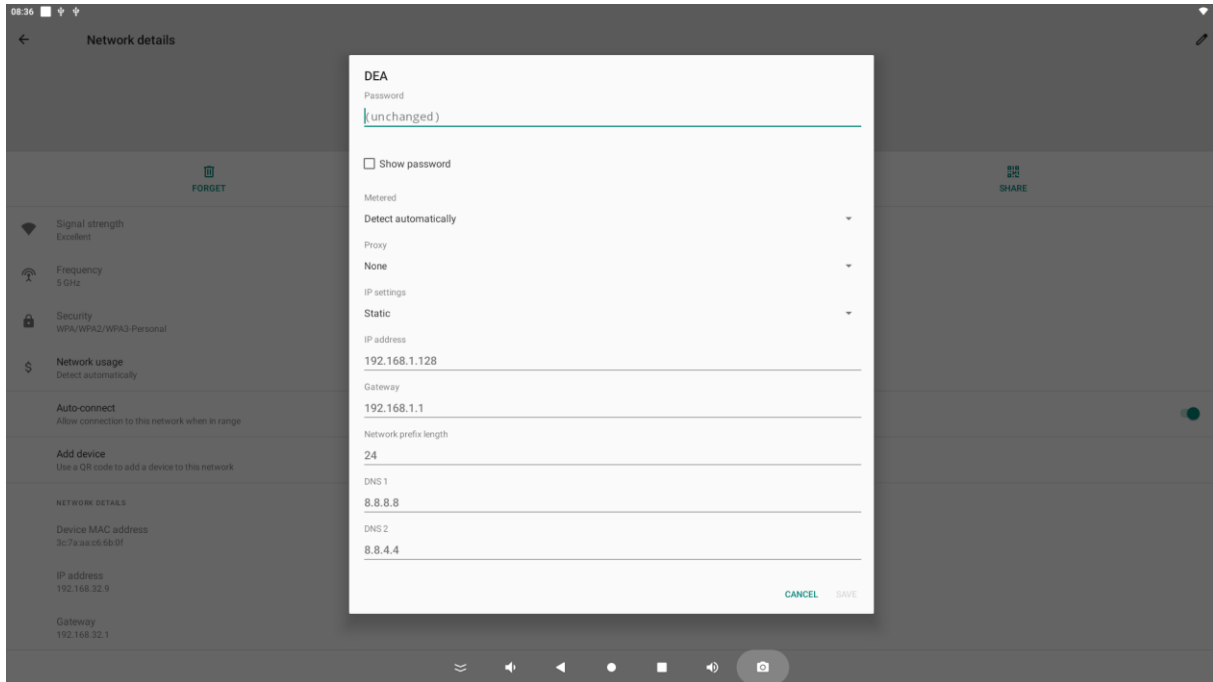
Wählen Sie „Drahtlos & Netzwerk“, klicken Sie anschließend auf Wi-Fi und aktivieren Sie den Schalter



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.



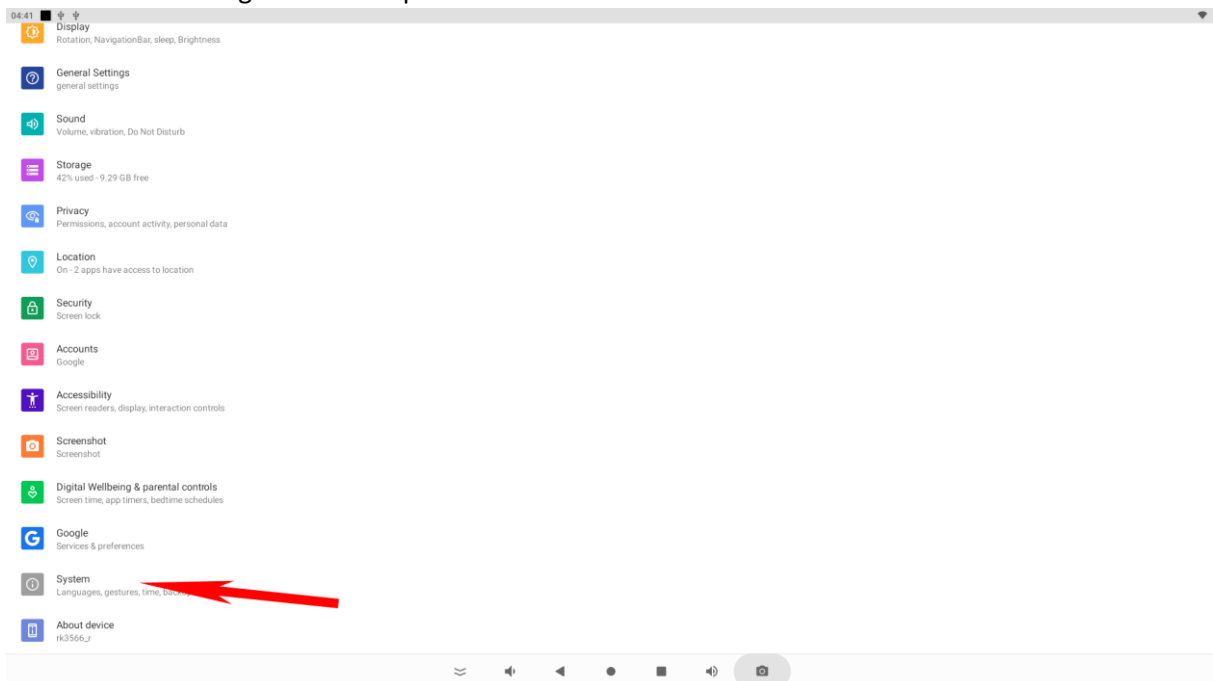
Eine statische Netzwerkverbindung können Sie unter IP Setting einrichten. Durch den Klick auf „static“ können Sie die IP-Adresse, Gateway und DNS Server einrichten.

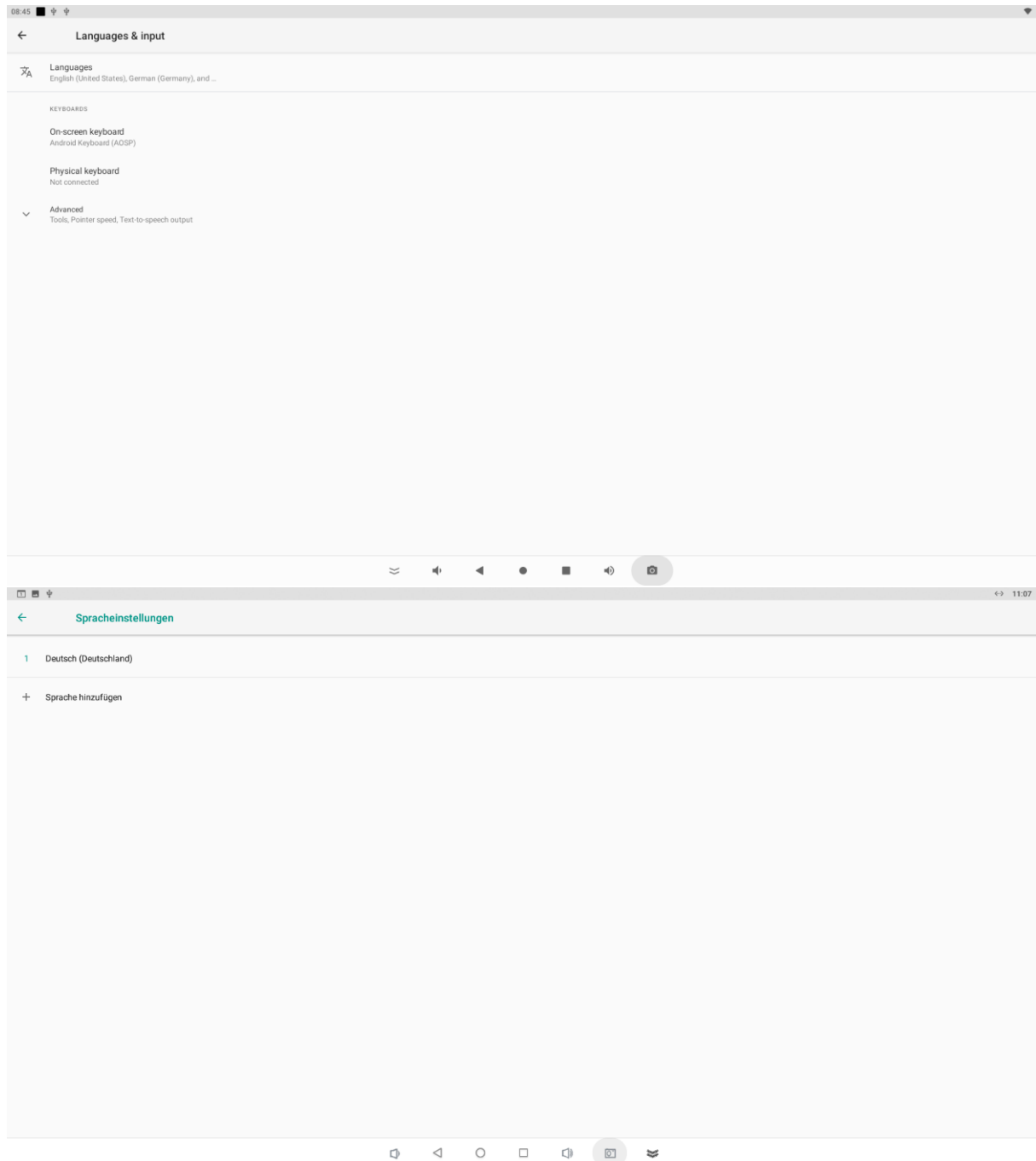


Einstellungen Sprache ändern

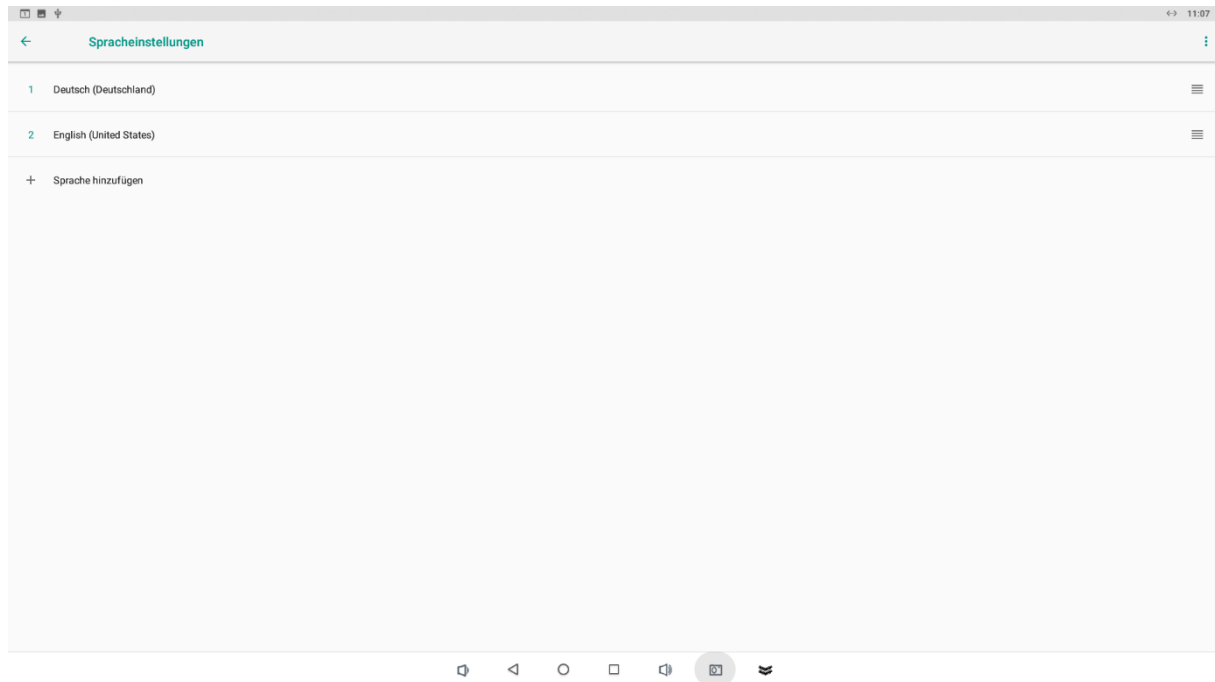
Öffnen Sie die App „Einstellungen“

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





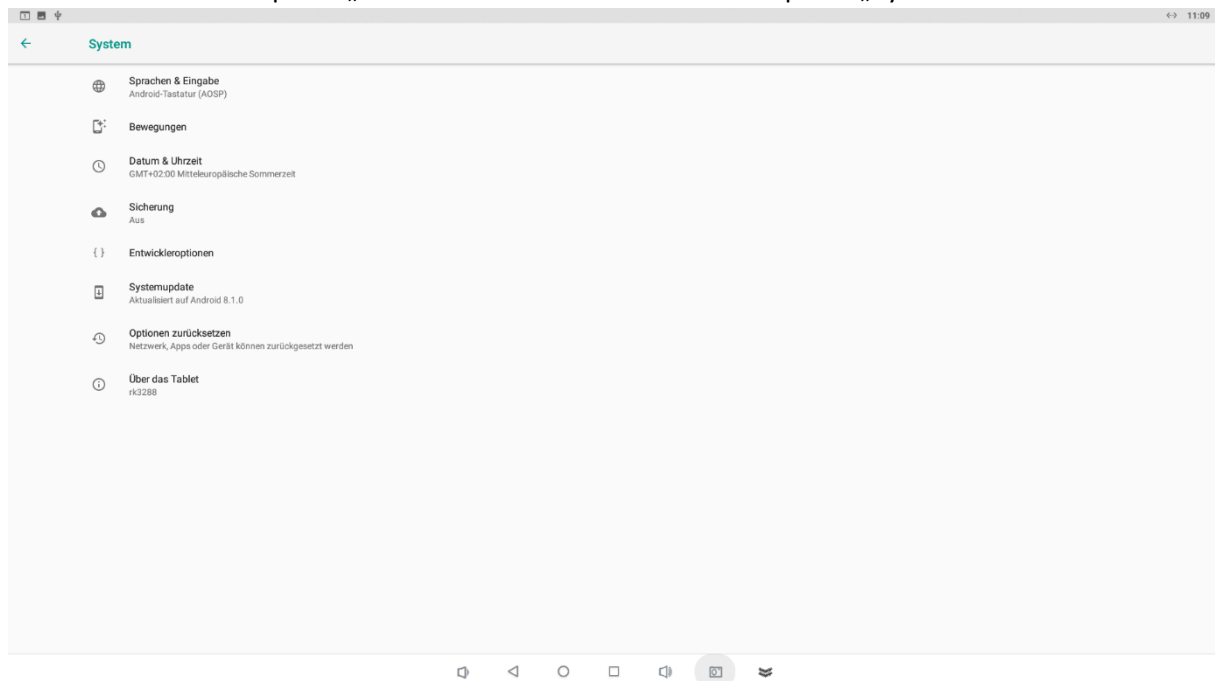
Die Sprache aktivieren Sie, indem Sie am rechten Rand die Sprache nach oben ziehen.



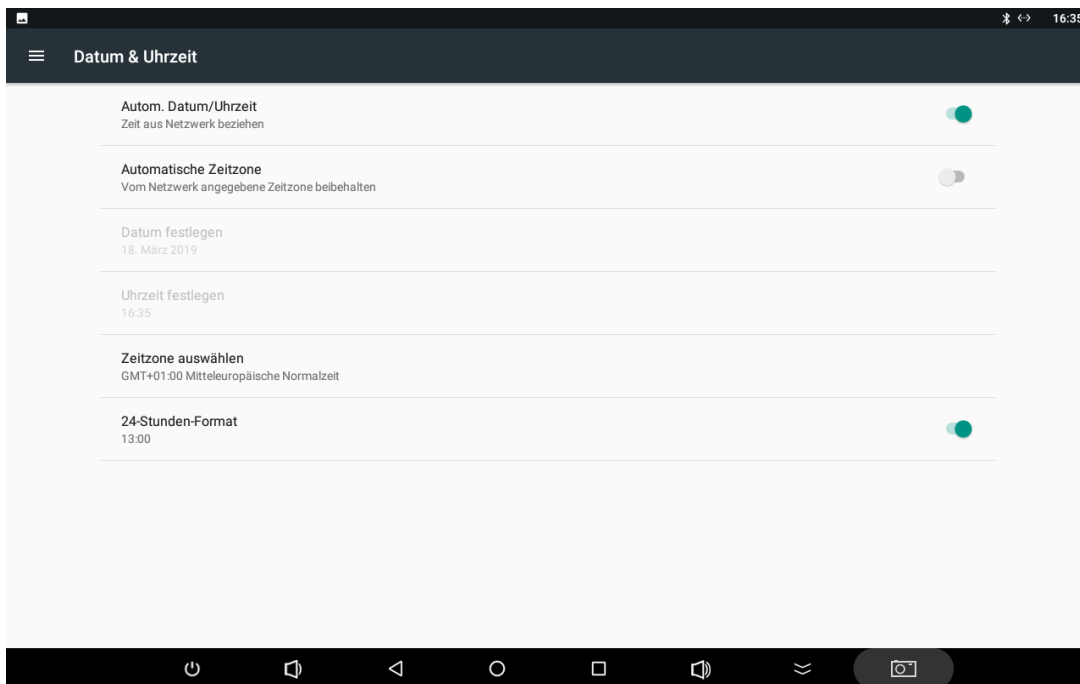
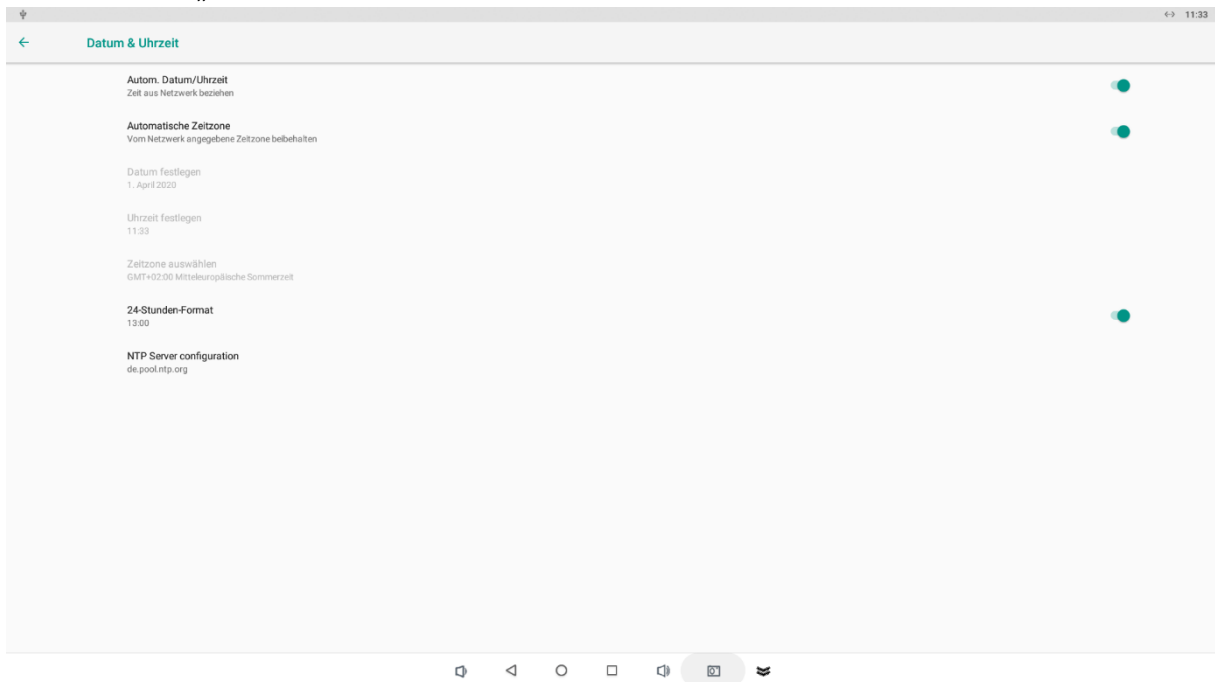
Einstellungen Zeitzone, Datum und Uhrzeit ändern

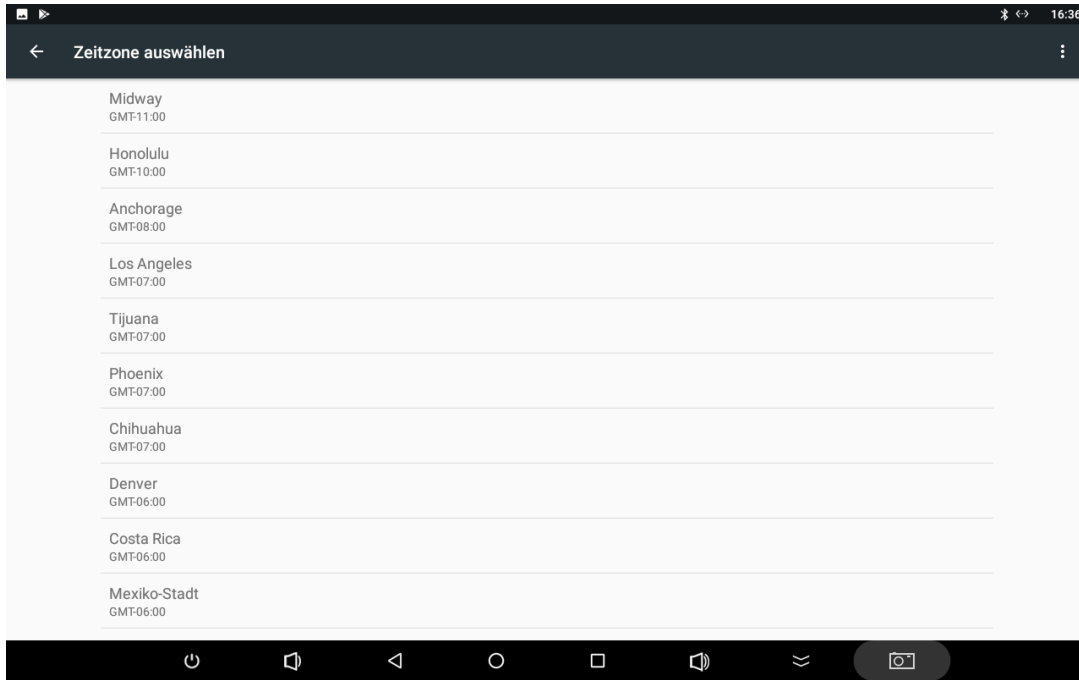
Öffnen Sie die App „Einstellungen“ den Punkt „System“ aus.

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.



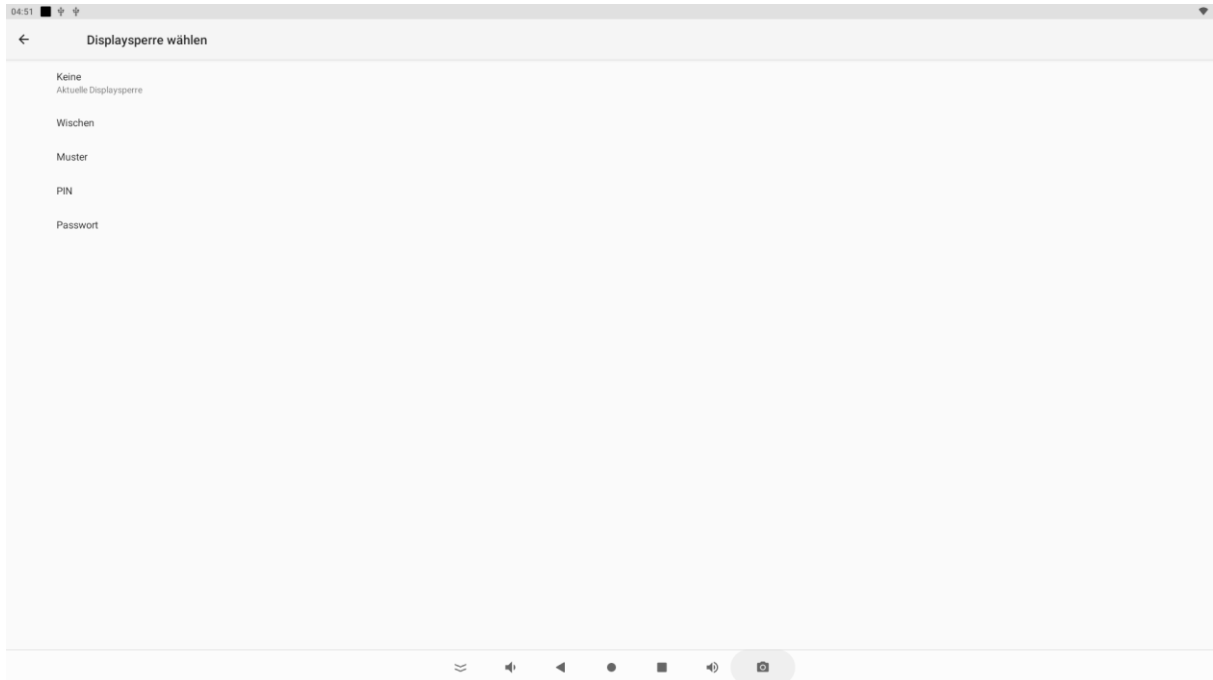


Einstellungen Displaysperre

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“

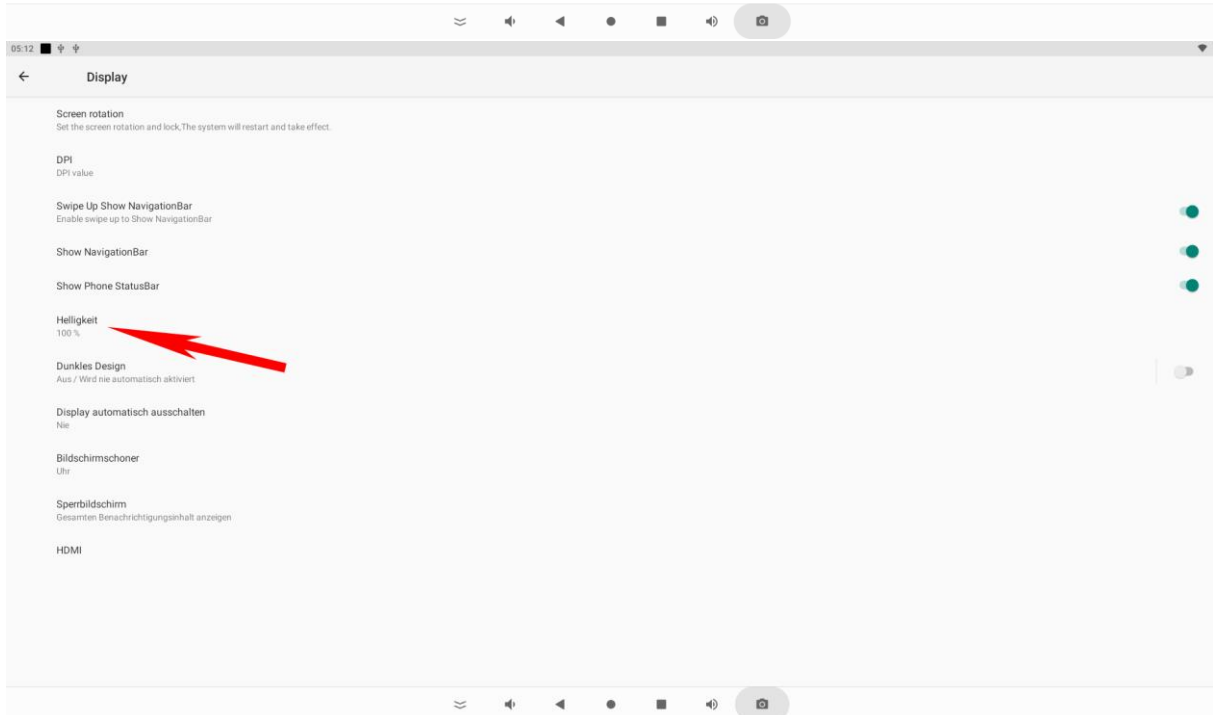
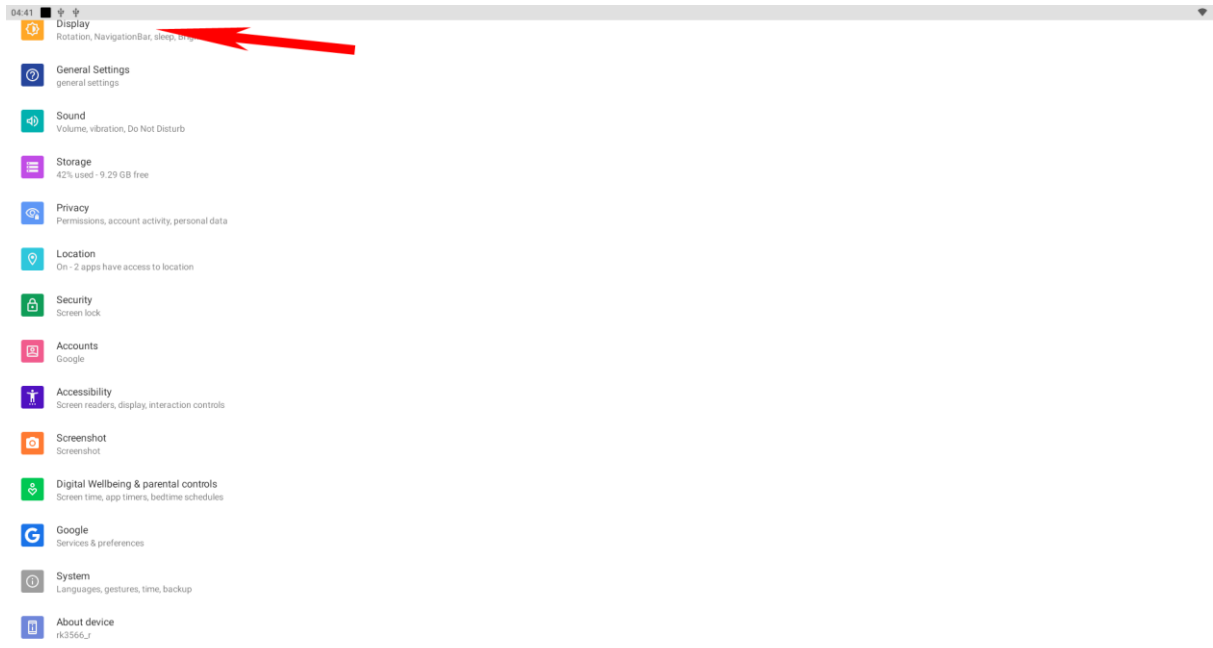
Wählen Sie den Menüpunkt „Töne“ aus dem Menüpunkt „Gerät“. Hier können Sie die Lautstärke für Medienwiedergabe, Wecker und Benachrichtigungen einstellen.



Einstellungen Display

Öffnen Sie die App „Einstellungen“

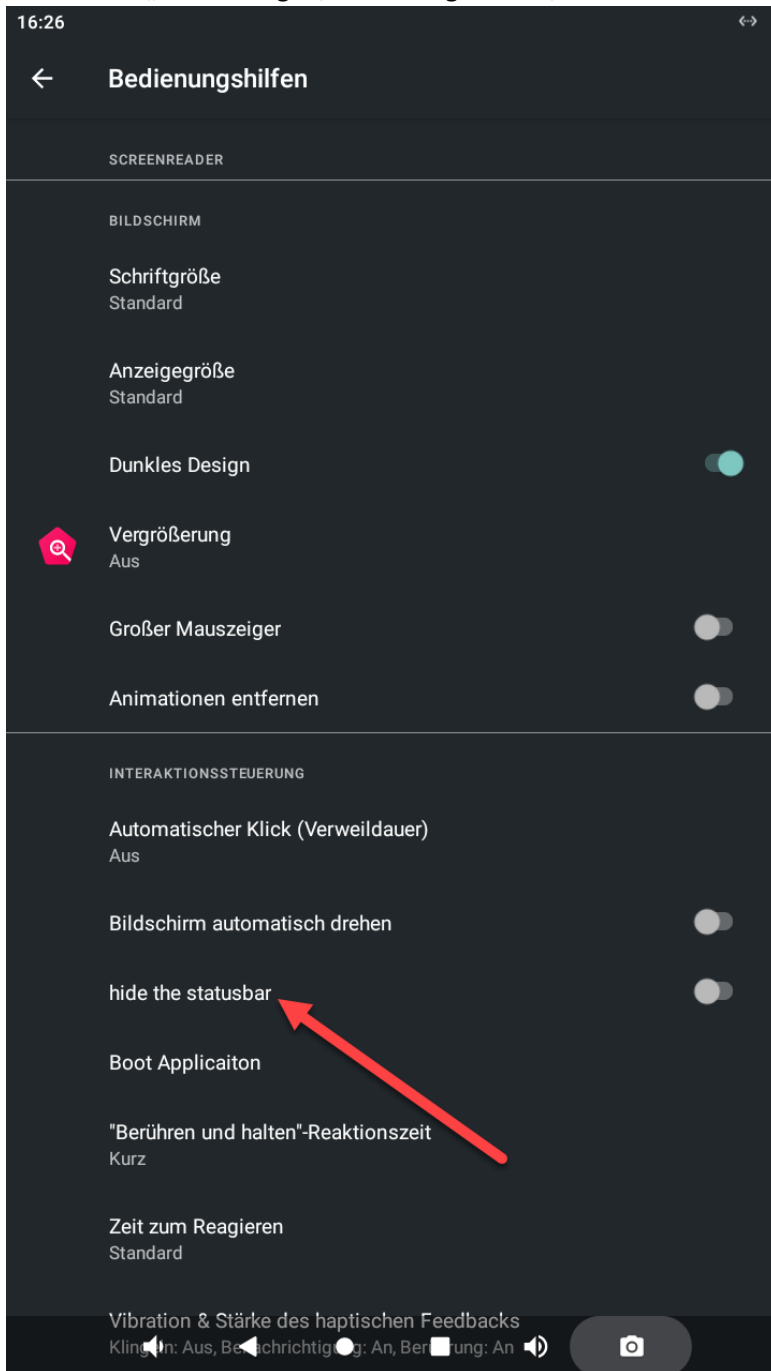
Wählen Sie „Display“, klicken Sie anschließend auf Helligkeitsstufe, jetzt können Sie die Helligkeit stufenlos einstellen. Neben der Helligkeit, können Sie auch den Hintergrund ändern oder ein Bildschirmschoner wählen.



Navigationsleiste/Statusleiste ausblenden

Öffnen Sie die App „Einstellungen“

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

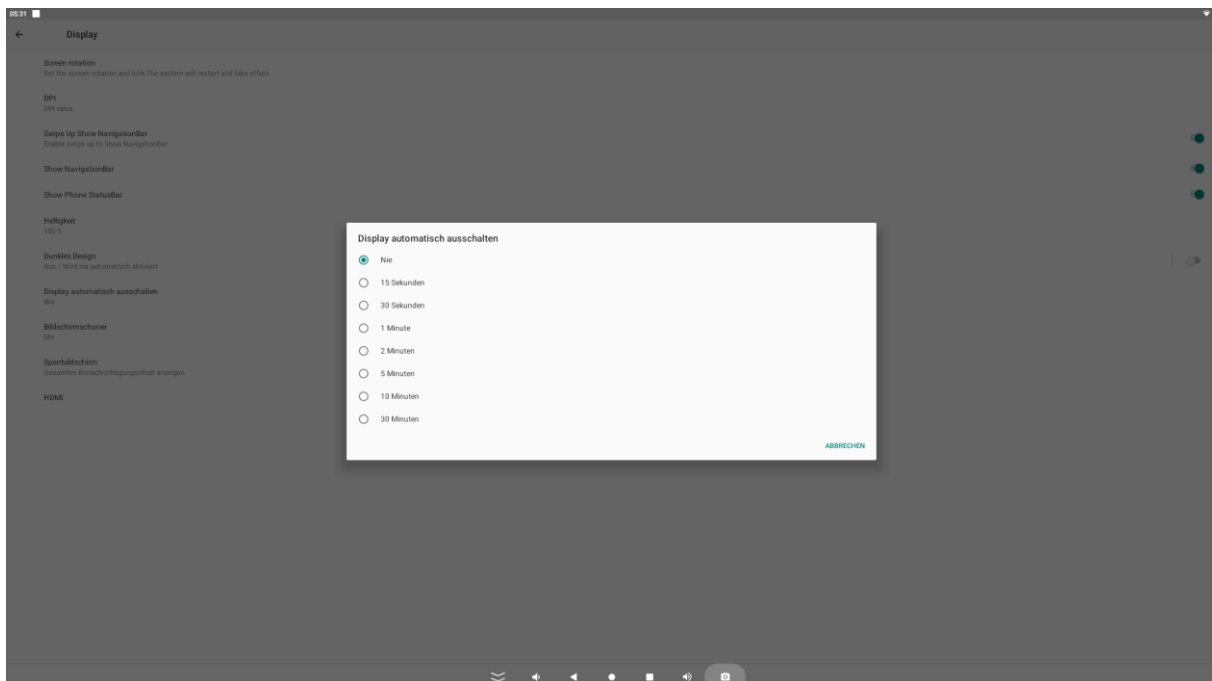
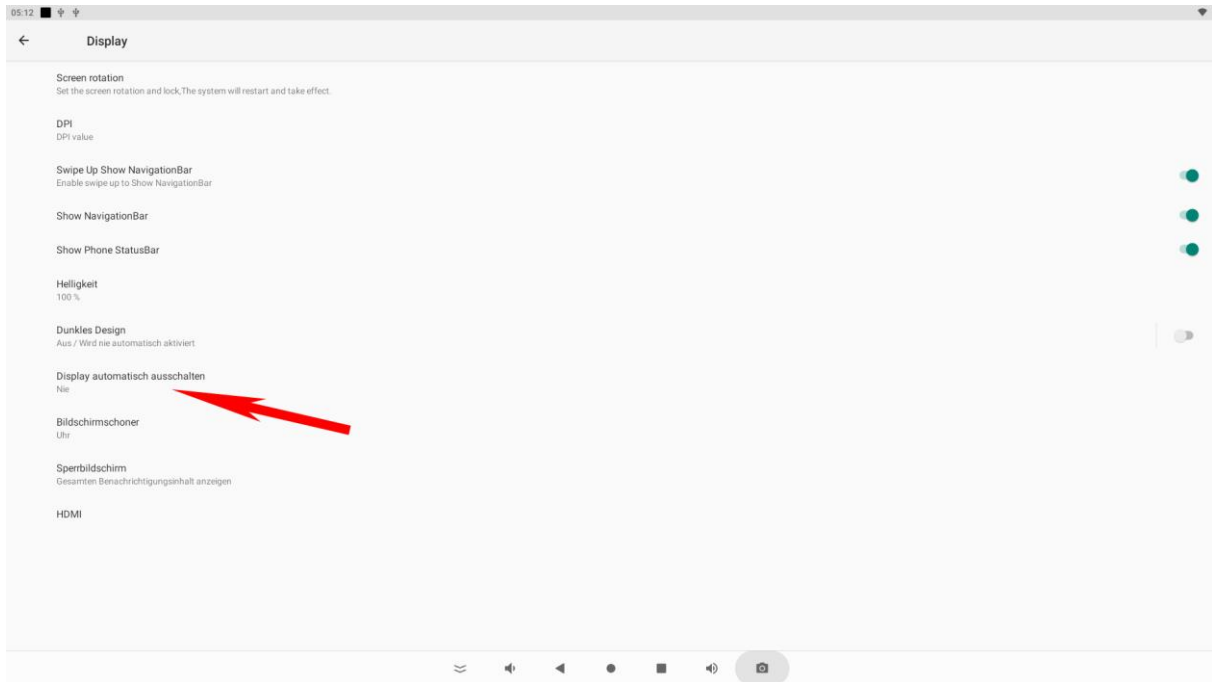


Sie können auch das Tablet mit einer Maus und einer Tastatur bedienen. Die linke Taste ist der „Mausklick“, die rechte Maustaste ist die „Zurück“ Taste

Einstellungen „Display automatisch ausschalten“

Öffnen Sie die App „Einstellungen“

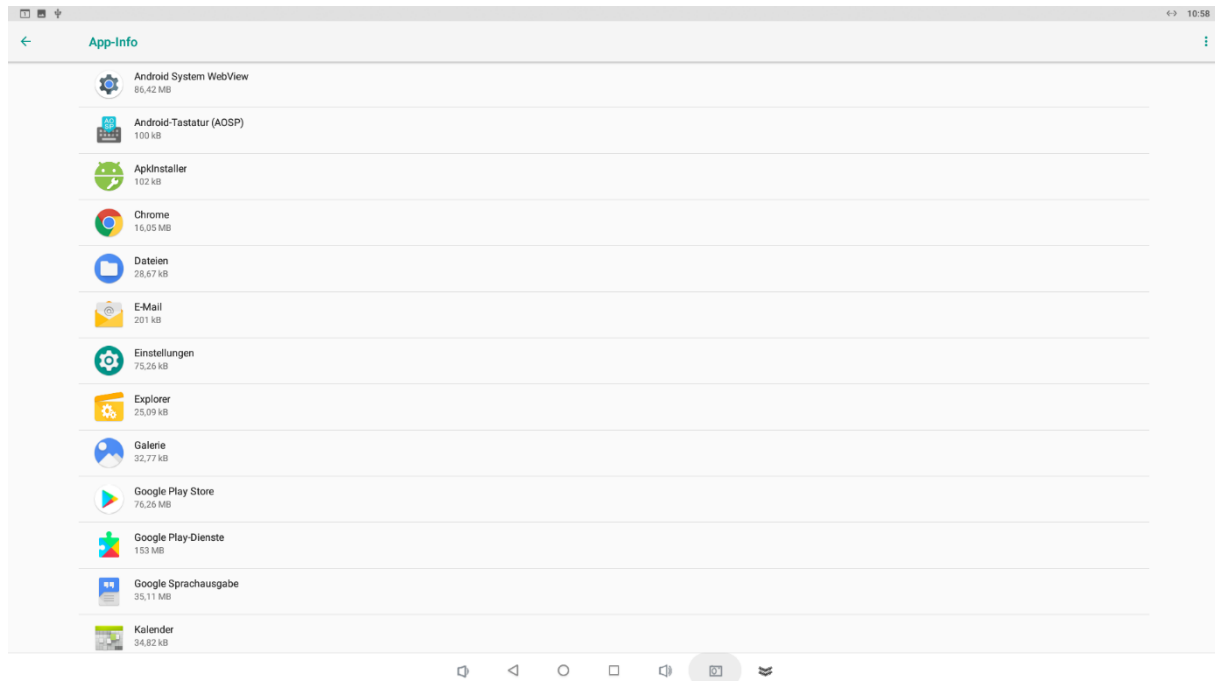
Wählen Sie „Display“, klicken Sie anschließend auf Erweitert/ Ruhezustand, jetzt können Sie die Ausschaltzeit des Displays einstellen. Durch aktivieren des Menüpunktes „Nie“ bleibt der Bildschirm bis zum Ausschalten des Tablets durchgehend aktiv.



Verbindung zum Google Play Store

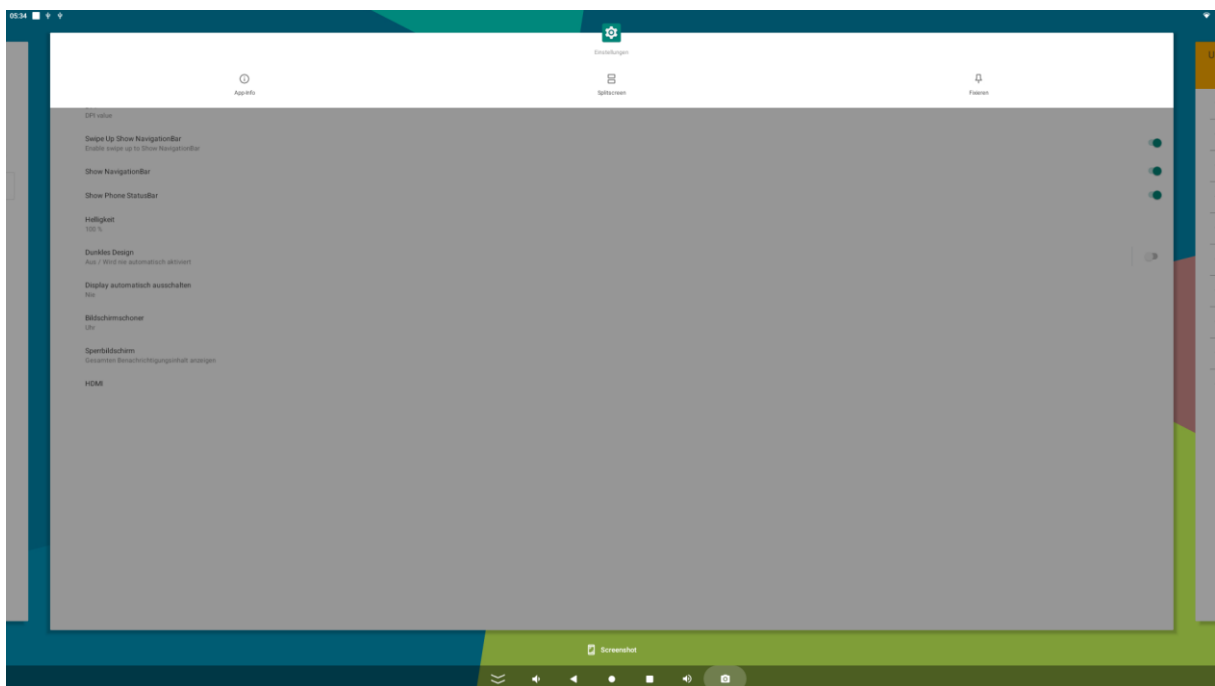
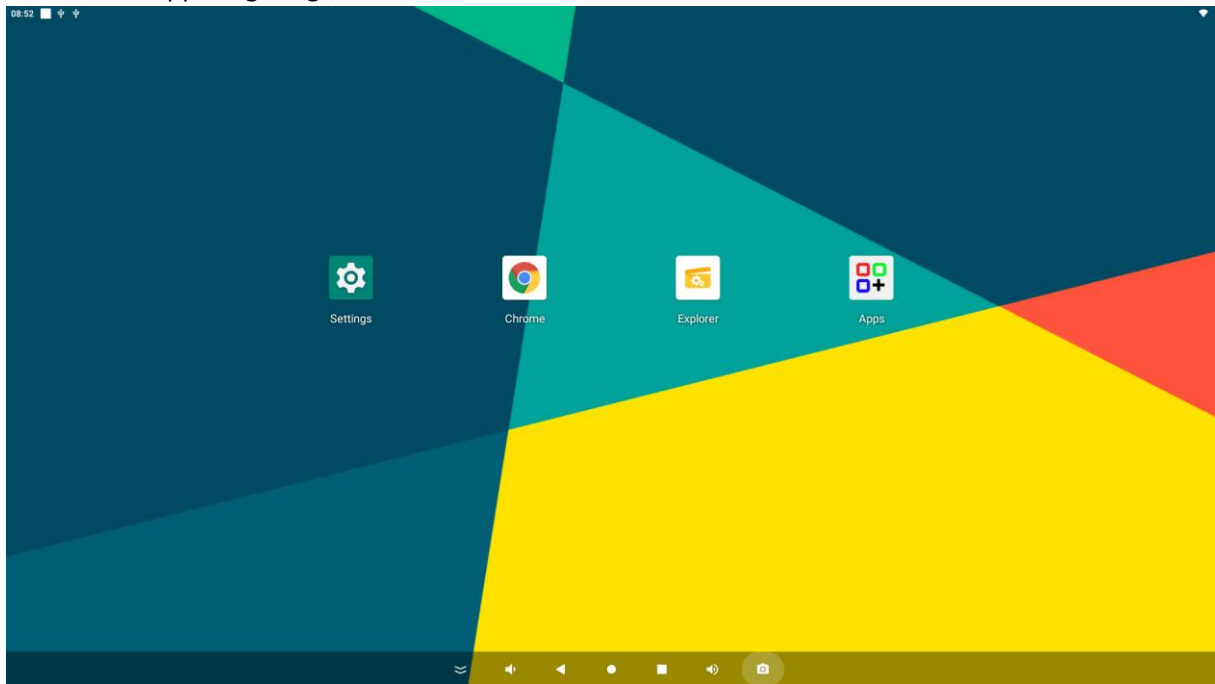
Öffnen Sie die Play Store App und melden Sie sich mit Ihren Google Kontodaten an um die gewünschten Apps zu installieren. Falls Sie noch über kein Konto verfügen, können Sie direkt über die App ein neues Konto anlegen. Sollten Sie ein Problem mit dem Start des Playstores haben, ist eine

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.

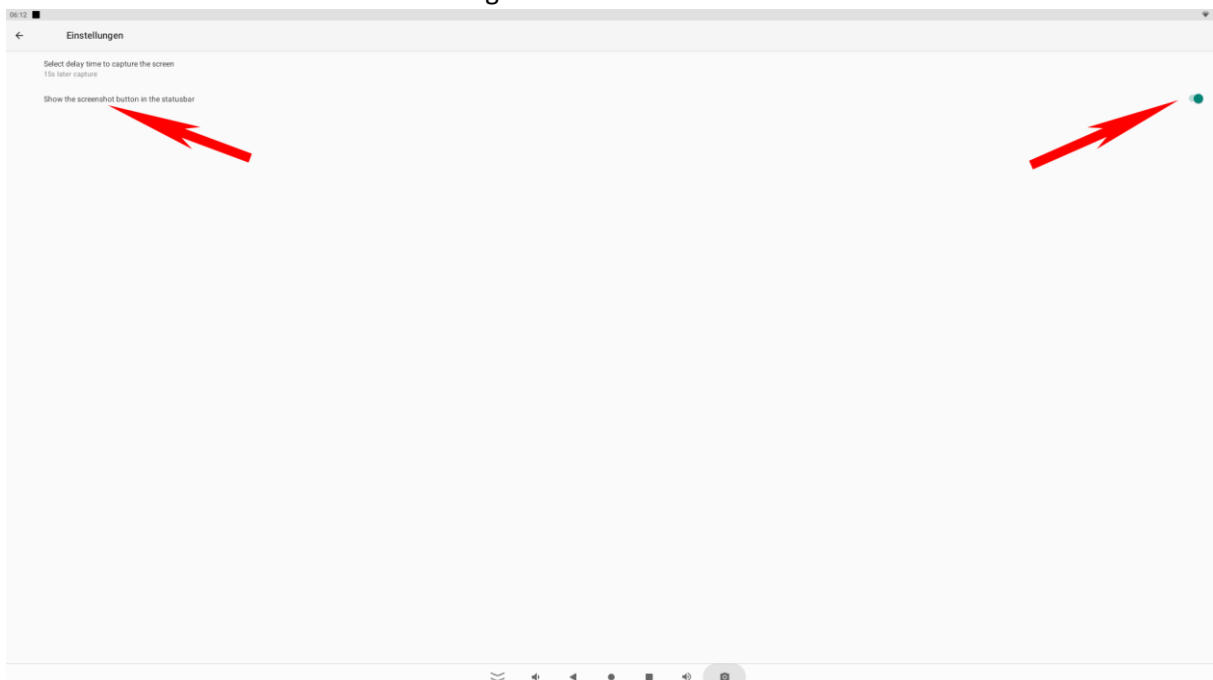
Klicken Sie auf das rechteckige Symbol in der unteren Navigationsleiste. Im Anschluss bekommen Sie alle aktiven Apps angezeigt. Klicken sie auf das obere Logo in der Mitte der zu verwendenden APP. Es öffnet sich ein Menü. Dort auf Splitscreen klicken und die zweite App per Klick auswählen. Diese müssen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

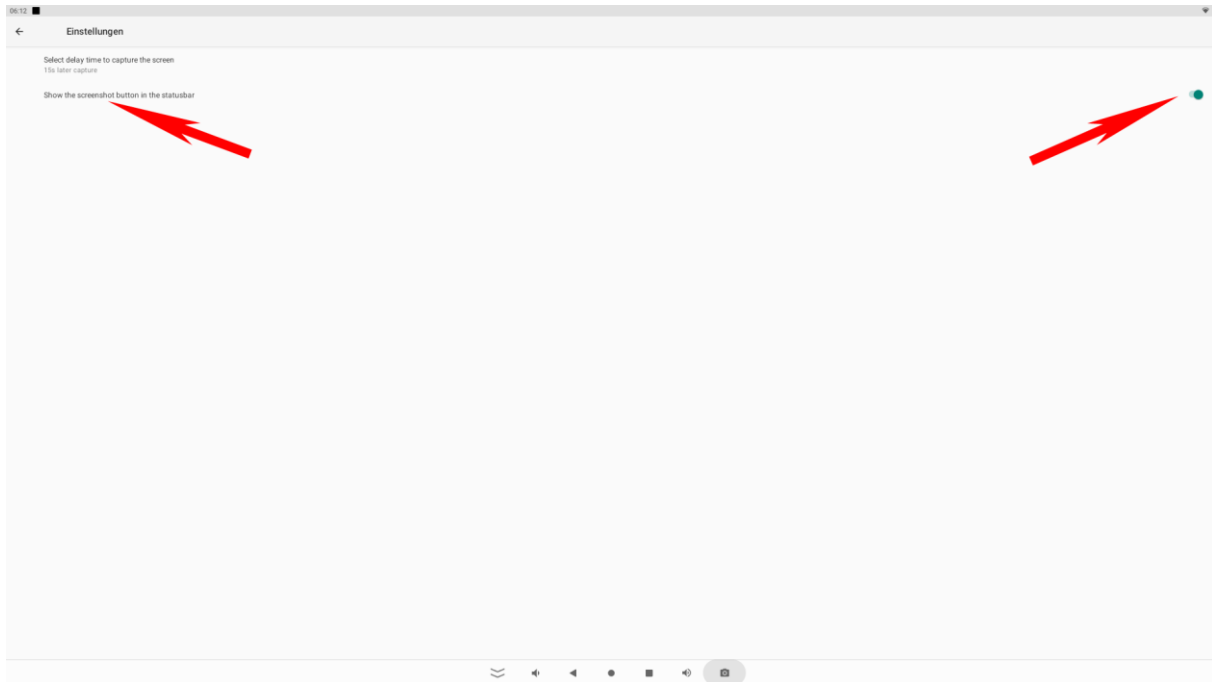
Screenshot erstellen

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 aufgeboenen 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.

Die Altgeräte können Sie nach Gebrauch entweder an uns zurücksenden oder im Handel und den kommunalen bzw. öffentlichen Rückgabestellen unentgeltlich zurückgegeben. Bitte beachten Sie das die Rückgabe in Verkaufsstellen auf übliche Mengen des normalen Gebrauchs beschränkt sind. Die ALLNET Computersysteme GmbH bietet Ihnen eine kostenlose Entsorgung an.

Sollte Sie ein defektes Gerät zurückgeben wollen, so können Sie dies an folgender Adresse tun oder hinschicken:

ALLNET Logistik Wunsiedel

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For the following
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Germering, 26th of July, 2021

ALLNET Touch Display Tablet 5 Zoll RK3566 with PoE

ALLTAB-UD-5RK3566A11



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-xxRK3566A11PoE** conforms to the Council Directives of 2014/53/EU.

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EN62479:2010
EN300 328 V2.1.1:2016
EN301 489-1 V2.1.1:2017
EN301 489-17 V3.1.1:2017

This equipment is intended to be operated in all countries.

This declaration is made by

ALLNET GmbH Computersysteme
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82110 Germering
Germany
Germering, 10.03.2021



Wolfgang Marcus Bauer
CEO

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not.

Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section

6.) Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a



modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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