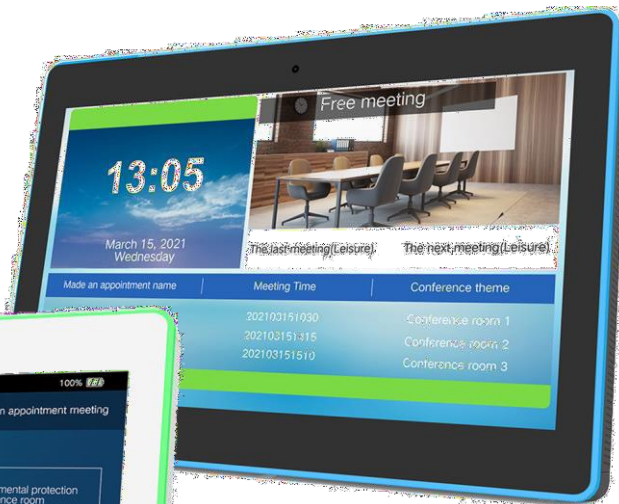
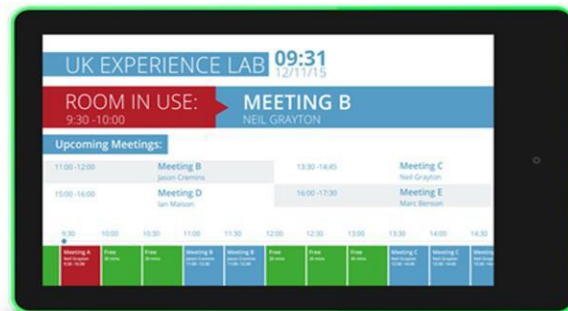




Kurzanleitung zu den wichtigsten Funktionen

Art.Nr.:182897/200815/200866/200516/200867



ALLNET PoE Meetingraum Display mit Front-NFC
Android 10 / Linux support



ALLNET Tablet Kurzanleitung

- ALLNET Meetingroom Design Tablet
- 12V / 1,5A Netzteil
- Gedruckte Kurzanleitung
- Wandhalterung integriert in Tablet

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

Please use only the power supply unit that is delivered with the device.
Bitte verwenden Sie nur das mitgelieferte Netzteil.



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Technische Infos:

- 10 Zoll
- RK3288, Quad-core Cortex A17, 1,8GHz
- Resolution: 1280x800, 10,1 Zoll;

- 13/15 Zoll
- RK3399, SixCore Cortex A72/A53 2,2GHz
- 1920x1080 13/15 Zoll

- Android 8.1/10 oder Linux (Linux nicht installiert, muss vom Kunden geflasht werden)

- 10-Point kapazitiver Touchscreen

- 2GB/Ram 16GB Hauptspeicher

- Front Kamera

- Mikrofon

- Ethernet RJ45 PoE IEEE802 af (15W LK 3)

- WLAN 2,4/5GHz a/b/g/n

- Bluetooth 4.0 (2,4GHz)

- NFC Reader 13,56 MHz

- 2x2W Lautsprecher

- USB Host/ MicroUSB OTG (Upgrade)/ SD Card

- Serial Port über USB Stecker

- VESA 75x75

- Adapter:12V Netzteil

- 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

Achtung! das Tablet besitzt keinen Power Button. Displaystromsparmmodus mit 5-8Watt Verbrauch.

**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 durch die Lüftungsöffnungen fallen
- Öffnen Sie nicht das Gehäuse des Geräts. Es besteht die Gefahr eines Stromschlags.
- Das Öffnen des Gehäuses führt zum Erlöschen der Garantie.

Informationen zum Urheberrecht

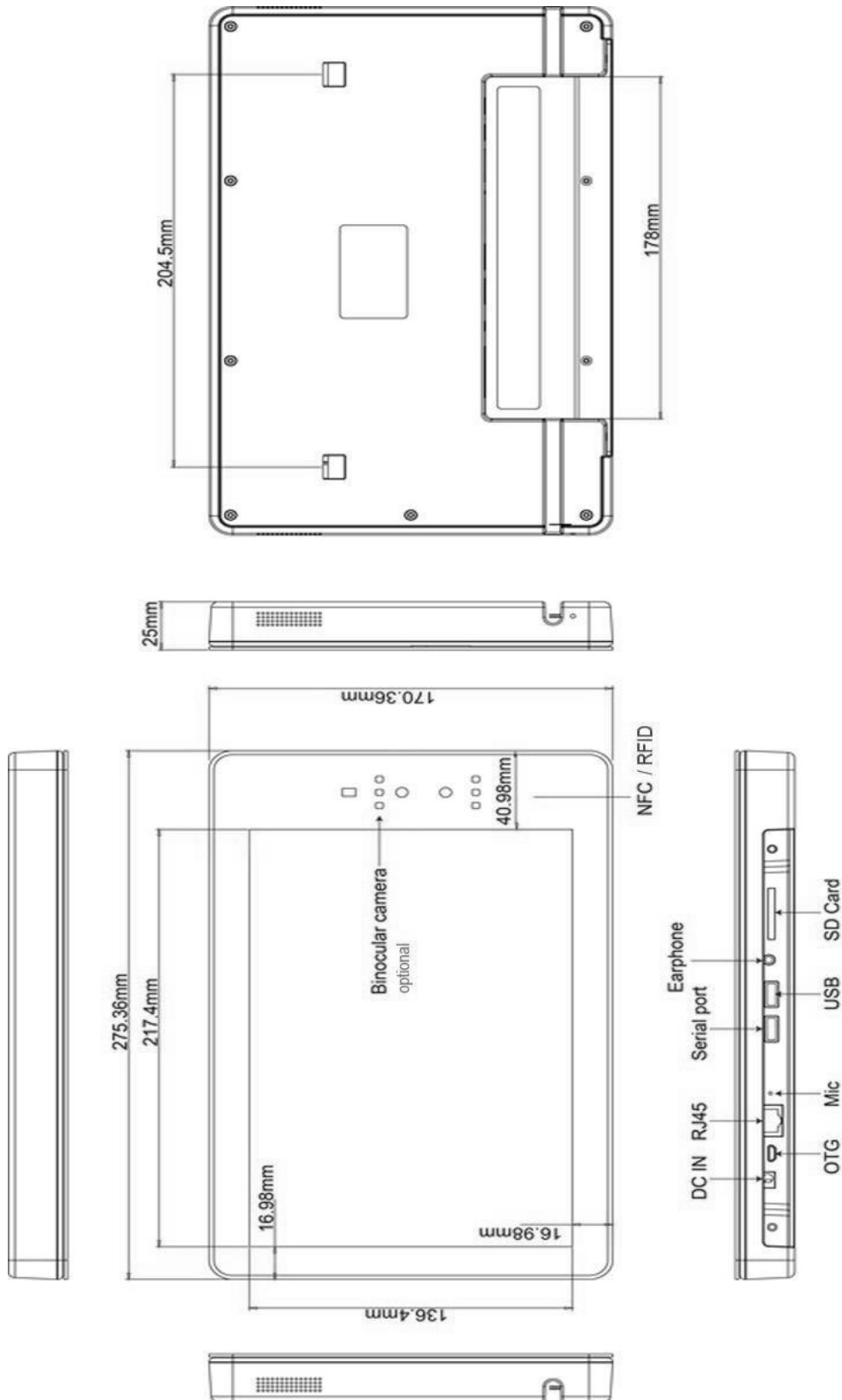
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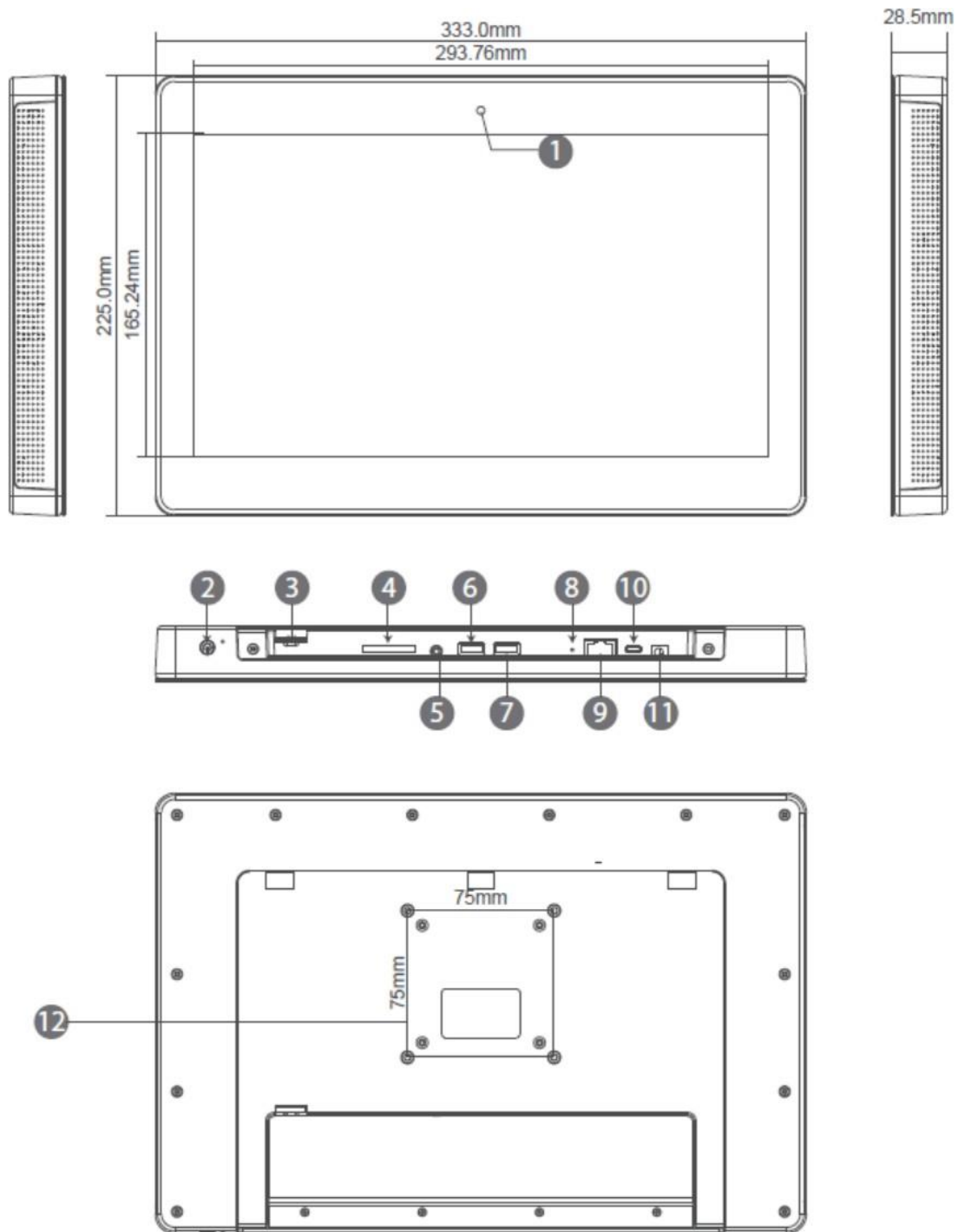
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Bestimmungsgemäßer Gebrauch:

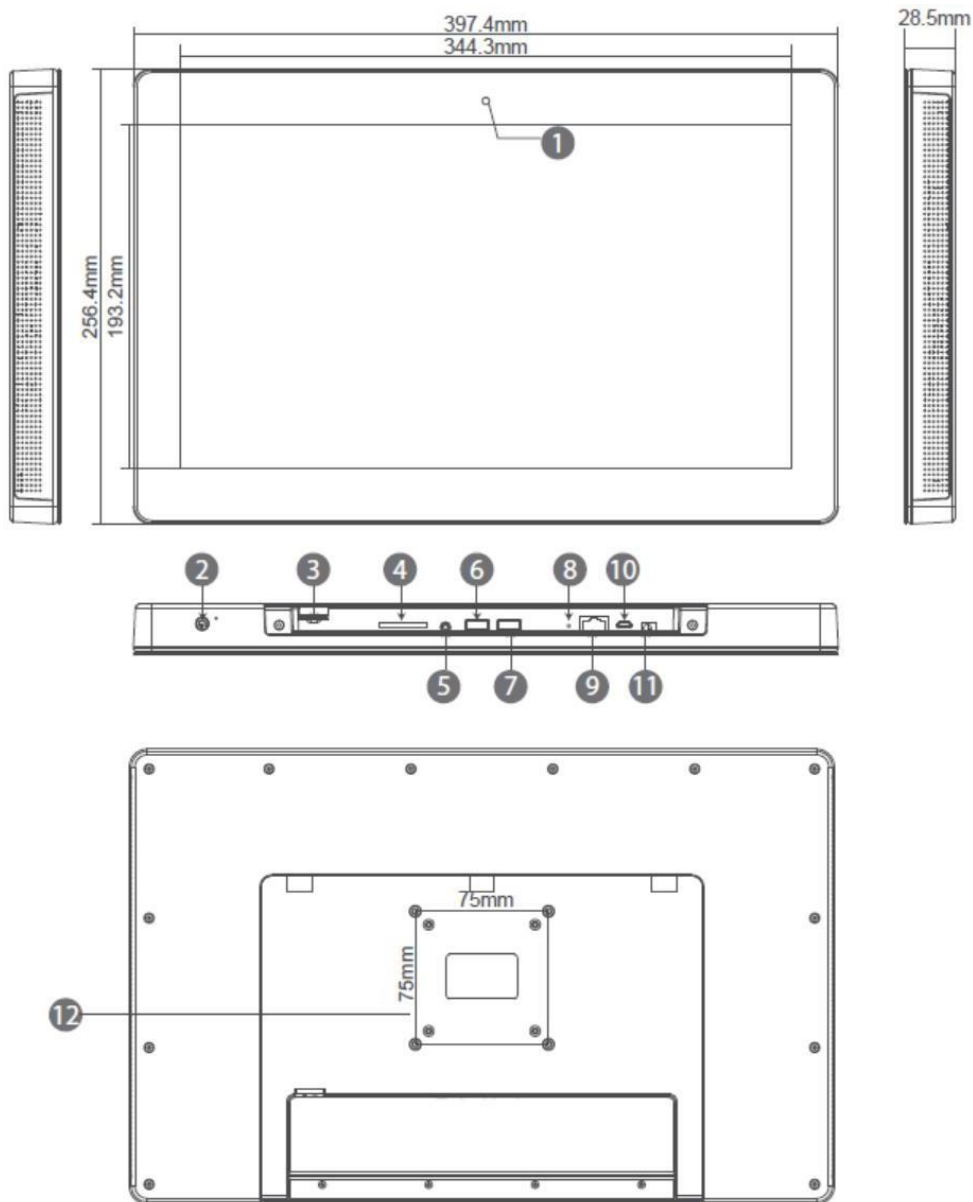
Das Tablet ist für den gewerblichen Gebrauch als auch für den privaten Gebrauch geeignet. Jedoch geben sich für den privaten Gebrauch auch Einschränkungen in der Funktionalität, welche durch das native Android Betriebssystem entstehen. Dies betrifft die Einbindung bestimmter Video- u. Audiocodex und 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 8 (installiert), Linux ist installierbar (n. installiert). Dieses Gerät entspricht den CE- und FCC-Vorschriften.

CE-Download: <http://ce.allnet.de>

Anschlussübersicht und Abmessung: 10Zoll


Anschlussübersicht und Abmessung: 13Zoll


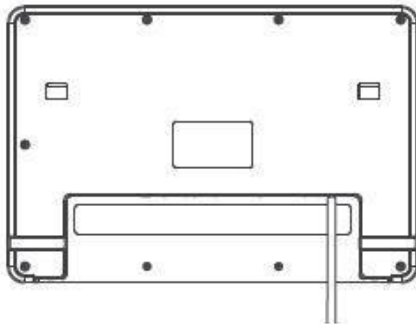
Anschlussübersicht und Abmessung: 15Zoll



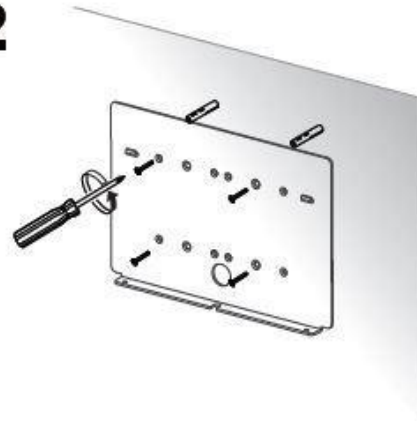
| No | Function | No | Function |
|----|------------------|----|----------------------------|
| 1 | Camera | 7 | Serial port (RS232 format) |
| 2 | Power button | 8 | Mic |
| 3 | SIM (optional) | 9 | LAN |
| 4 | SD Card | 10 | USB-OTG |
| 5 | 3.5mm audio jack | 11 | DC in power supply port |
| 6 | USB 2.0 host | 12 | VESA 75*75mm |

Installation Instructions

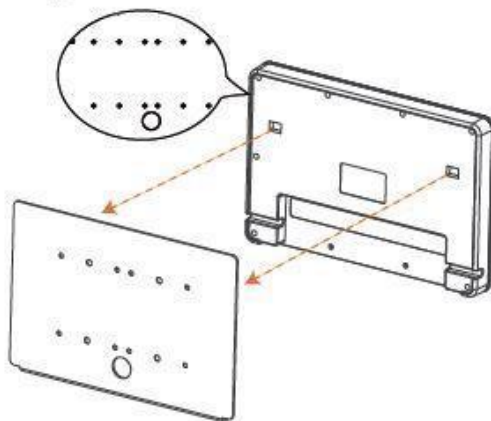
Wall hanging mode 1

1

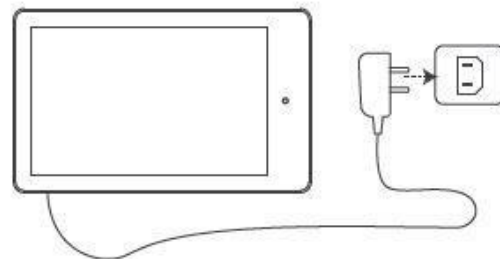
Plug the power cable into port of device

2

Install the wall mount kit on wall and screw in

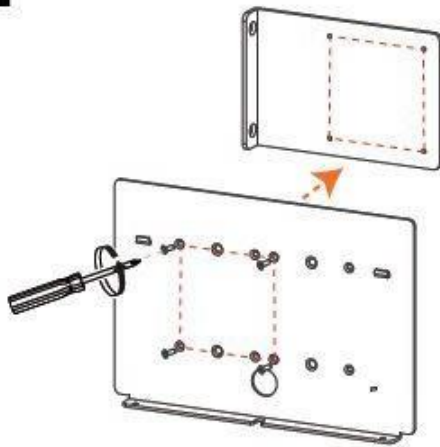
3

Hang up and align the wall mount kit with its hole

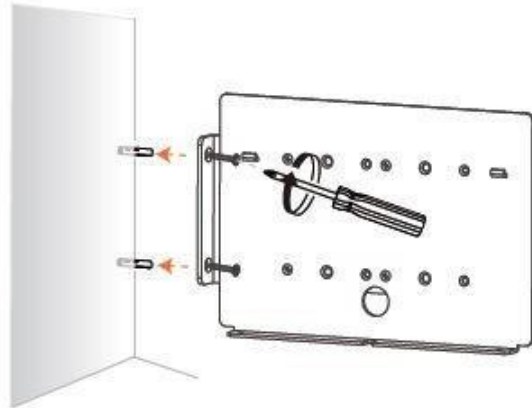
4

Plug into power and the device will be started up.

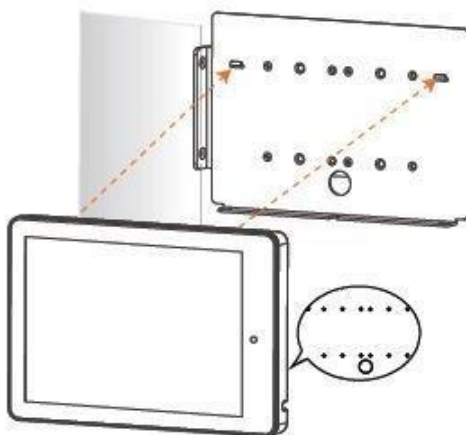
Wall hanging mode 2

1

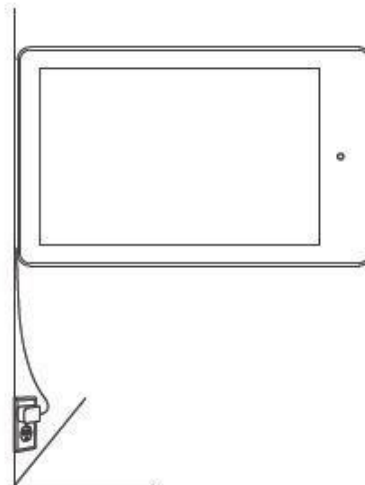
First align the small wall mount kit(L-shaped)) with the large wall mount kit at the screw hole and fasten the screw.

2

Screw the wall plug into the wall, then align the hole of the (L-shaped) small wall mount kit and then fasten in the screw.

3

Hang up and align the wall mount kit with its hole

4

Plug into power and the device will be started up.

Einleitung

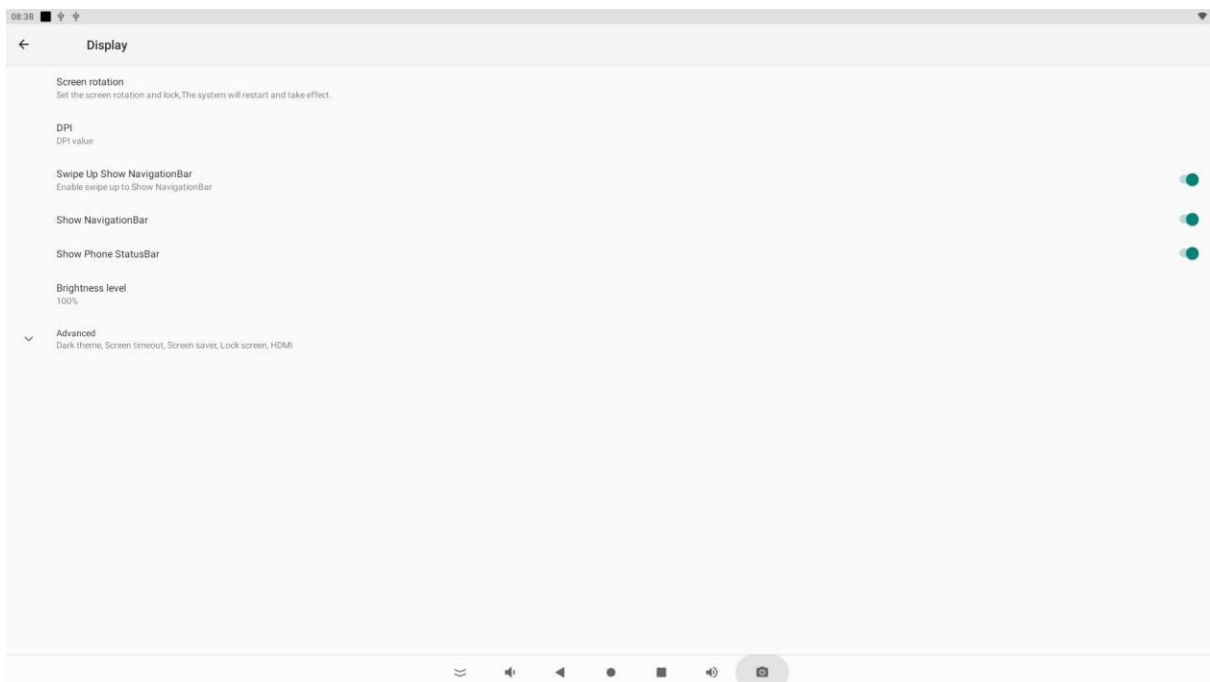
Zur Beachtung:

Je nach Artikelnummer unterscheiden sich die Funktionen im Android Betriebssystem. Nicht alle in dieser Anleitung aufgeführten Funktionen können bei diesem Display funktionieren oder sind unter dem beschriebenen Menüpunkt verfügbar. Android ist ein offenes System, welches nicht mit Android auf dem Mobiltelefon 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.

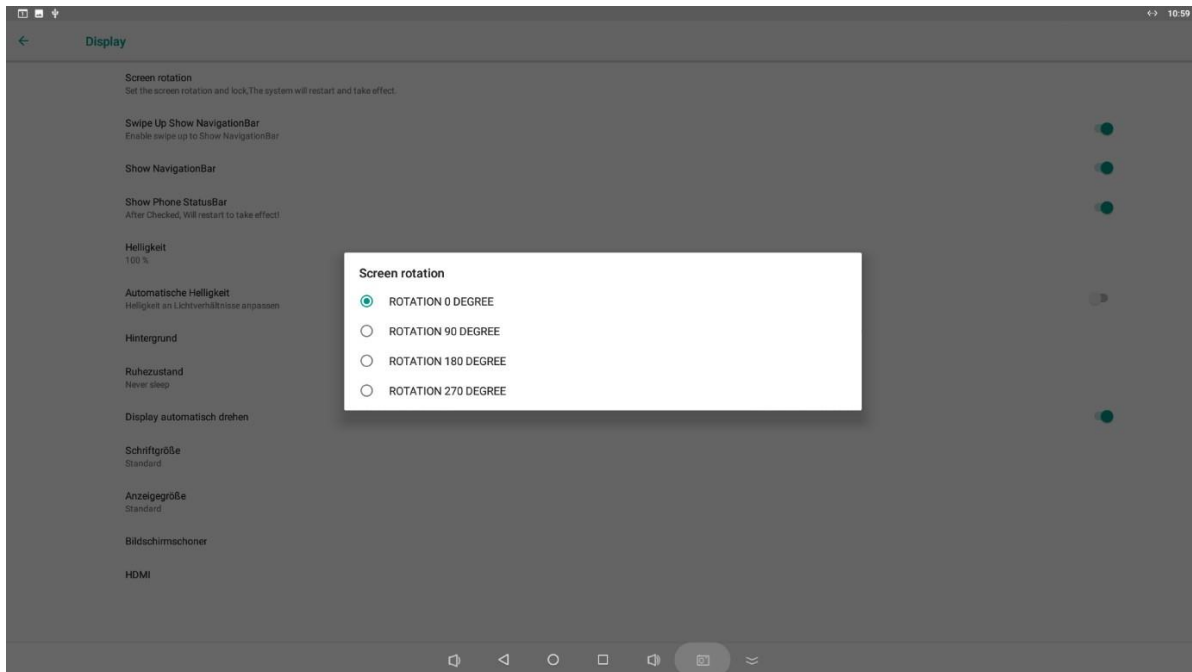
Schließen Sie das Tablet an die Stromversorgung an. Das Tablet startet automatisch.

Display Rotation

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

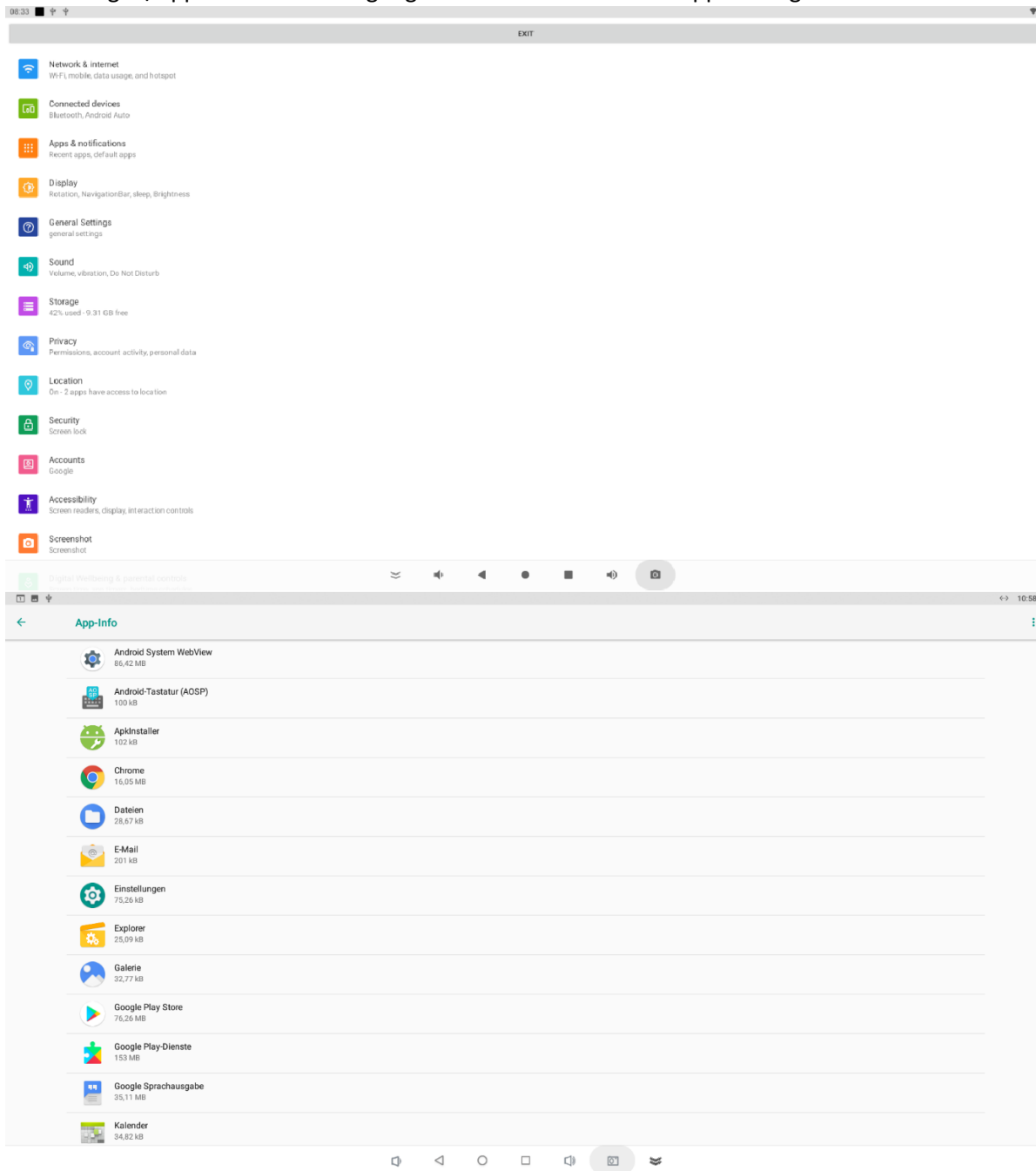


In dem Pop-Up wählen Sie die Gradzahl der Rotation. Das Tablet startet nun neu im eingestellten Modus.

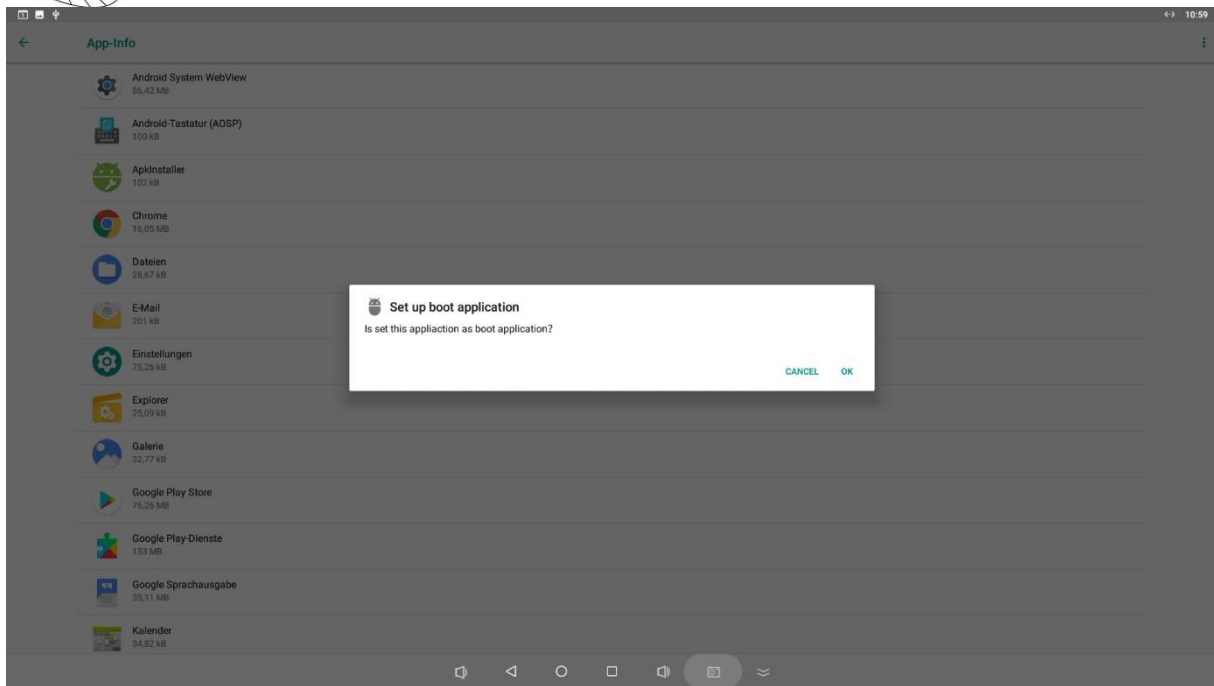


Automatischer Start einer Anwendung

Mit dieser Funktion können Sie eine App automatisch starten lassen. Hierzu gehen Sie bitte unter Einstellungen/Apps & Benachrichtigung. Dort klicken Sie auf alle Apps anzeigen.



Nun wählen Sie die gewünschte App aus und drücken lange darauf bis folgendes Pop-Up Fenster zur Bestätigung erscheint.



Mit Ok bestätigen. Beim Neustart, startet die Anwendung automatisch.

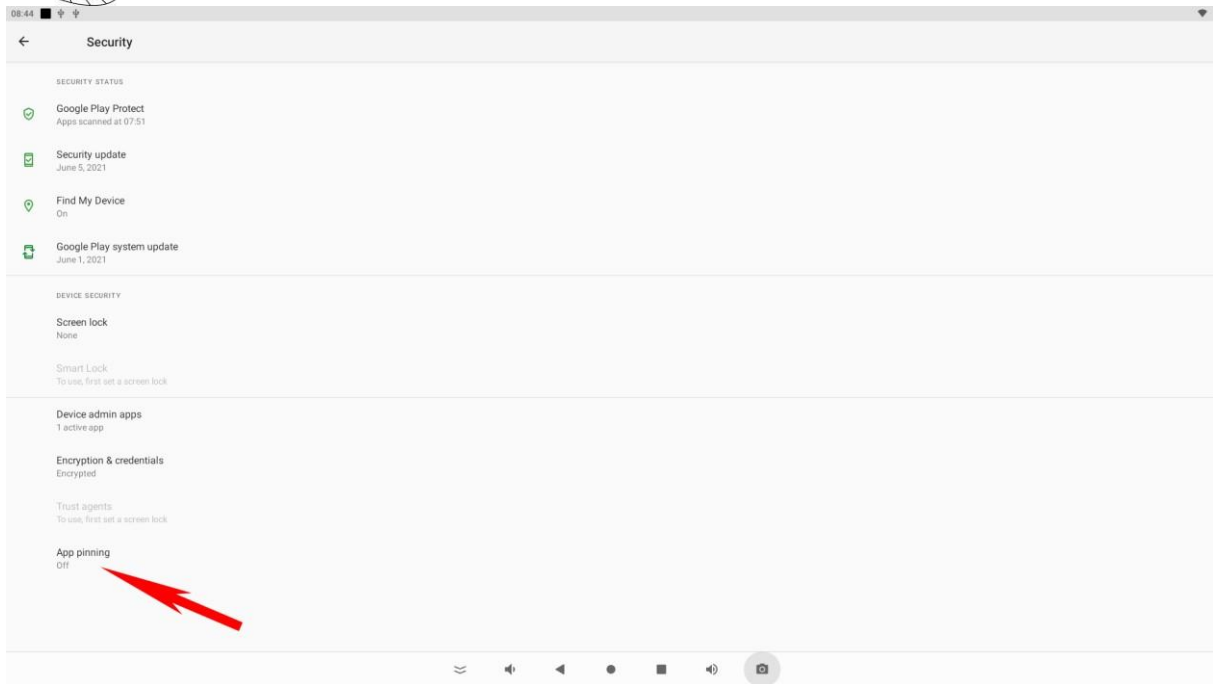
Fixierung einer APP

Zur Beachtung:

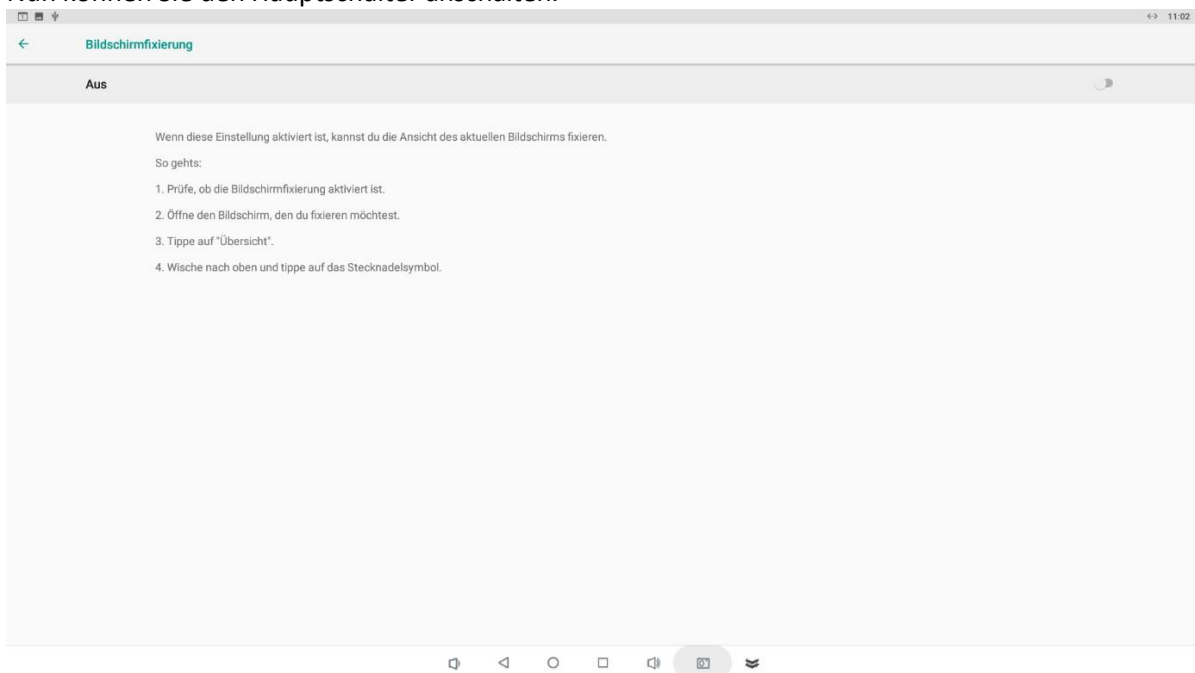
Dieser Kiosk Mode wurde nativ in Android ab Version Lollipop integriert. Die Funktionsweise ist einfach und ist nur ein einfacher Schutz vor unbefugtem Zugriff. Die APP kann dennoch durch eine Tastenkombination beendet werden. Eine professionelle Kiosk APP finden Sie im Playstore unter „Ekiosk Browser“. Gehen Sie unter Einstellungen/Sicherheit und klicken Sie auf „Erweitert“ Bildschirmfixierung.



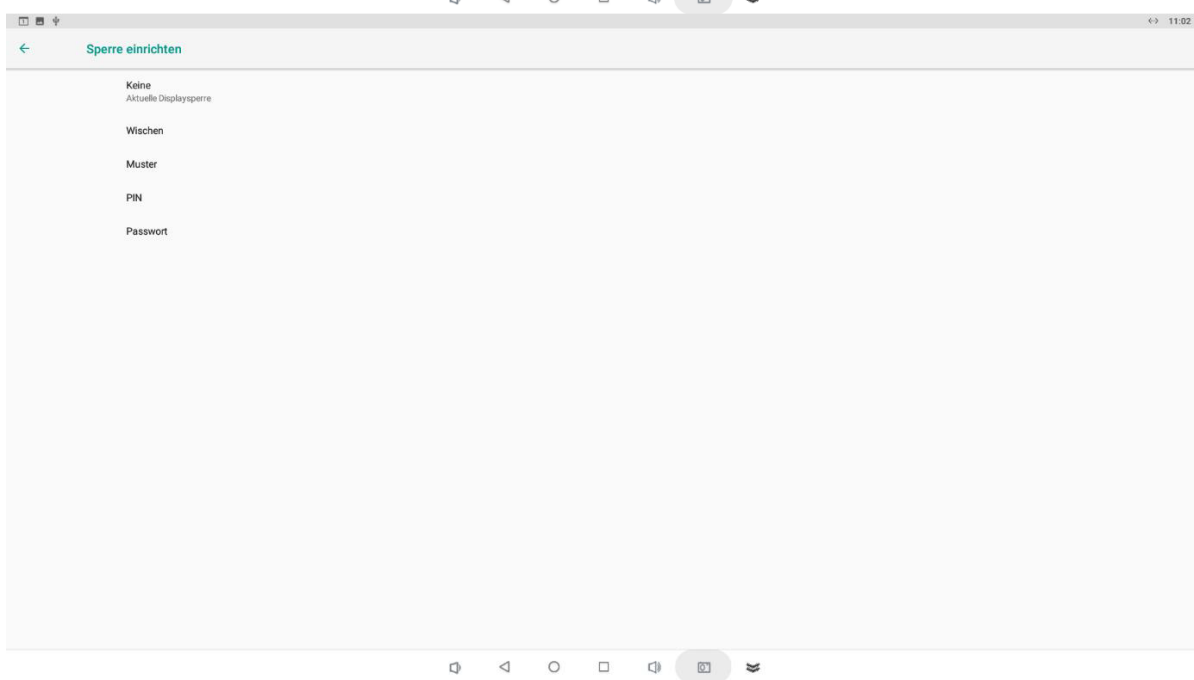
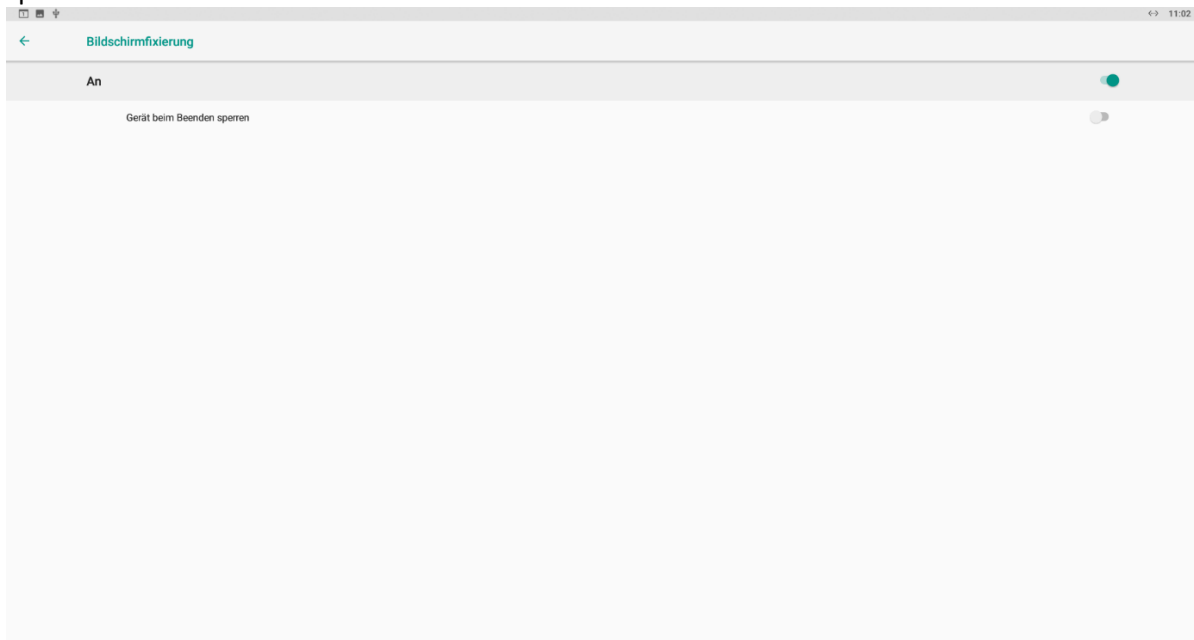
Dort gehen Sie bitte zu dem Punkt „Bildschirmfixierung/App Pinning“ und klicken darauf.



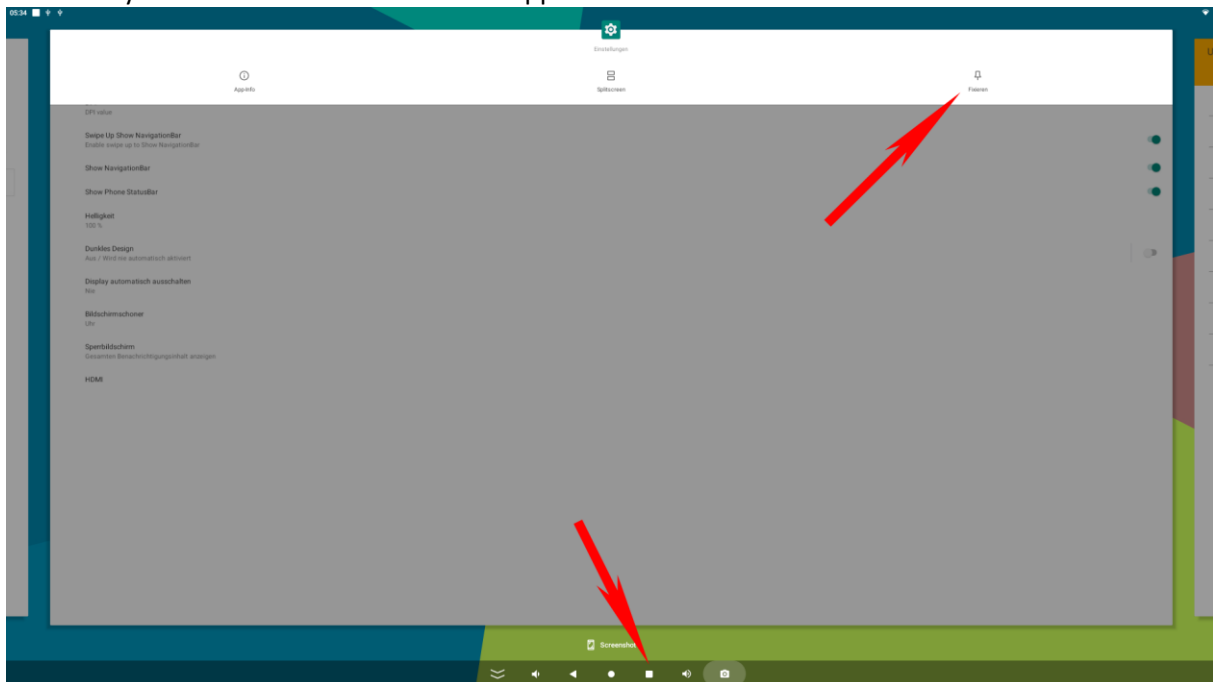
Nun können Sie den Hauptschalter anschalten.



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.

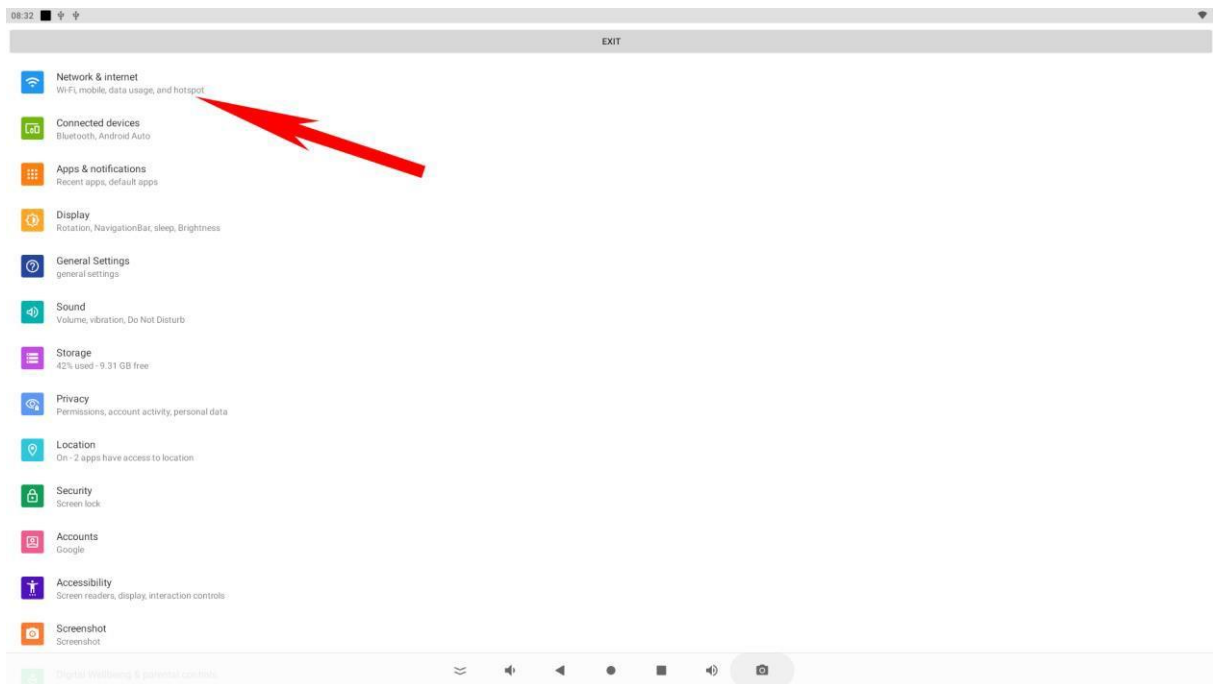


Diese Bildschirmfixierung ist nach einem Neustart nicht mehr aktiv und die Prozedur zur Fixierung muss erneut durchgeführt werden.

Einrichtung Ethernet

Öffnen Sie die „Einstellungen“

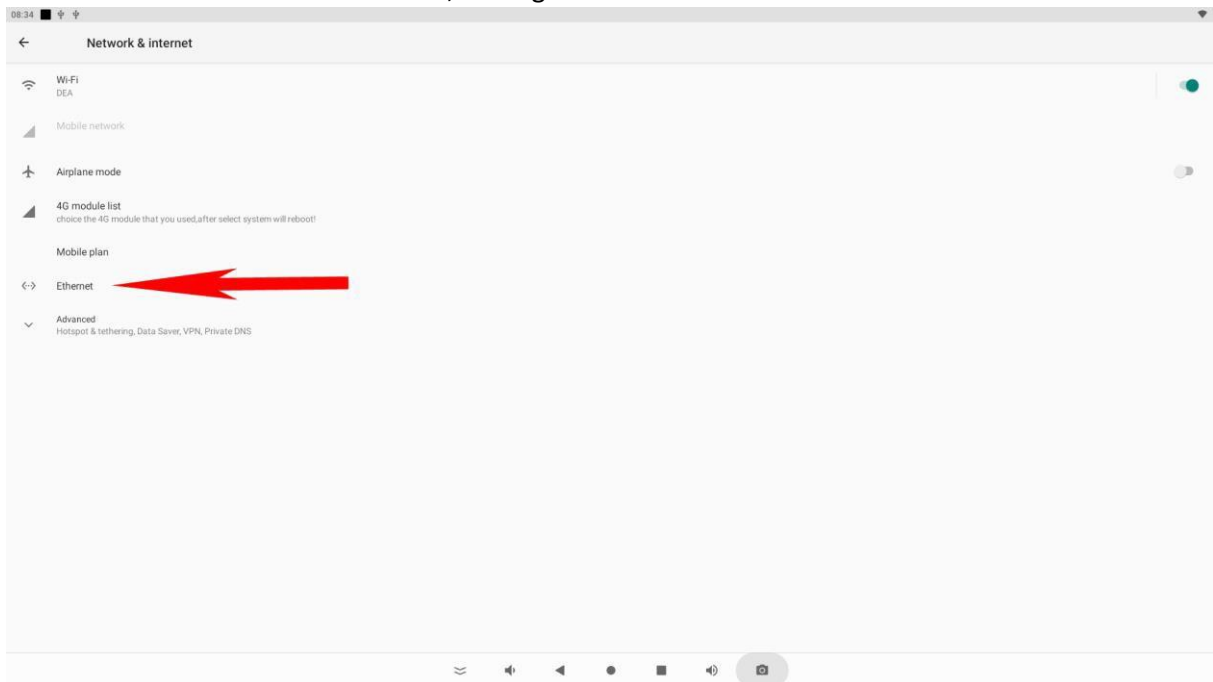
Wählen Sie „Netzwerk&Internet“, klicken Sie anschließend auf „Mehr“



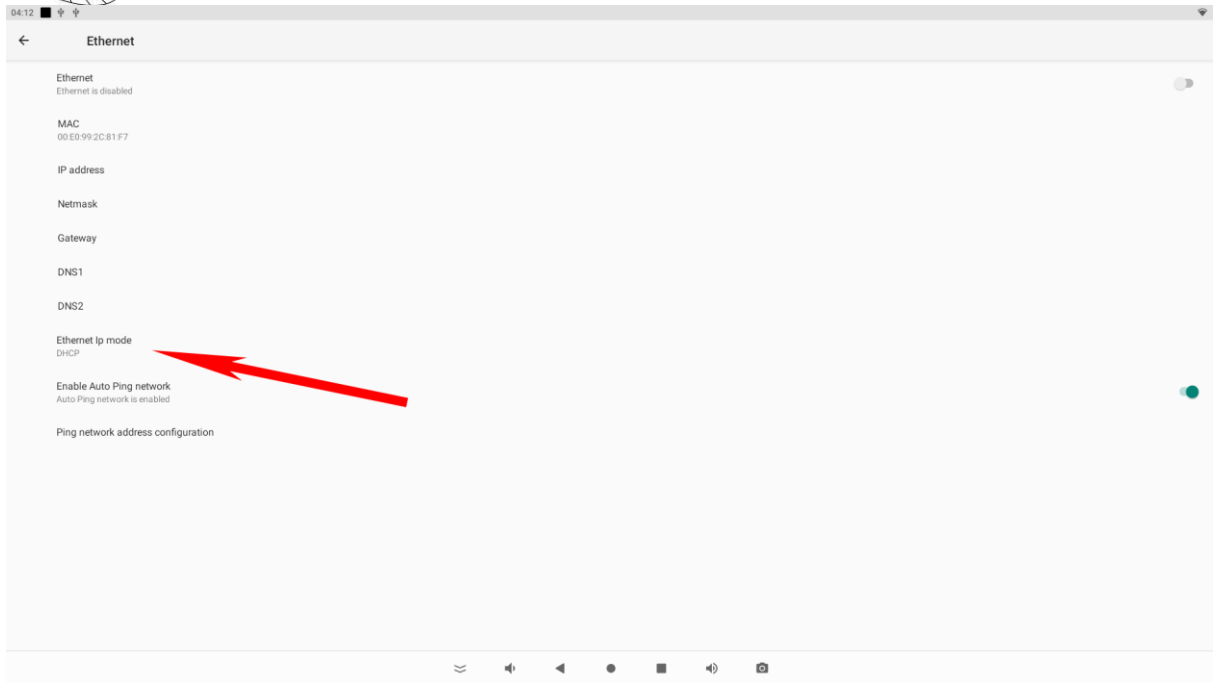
Bitte auf „Ethernet“ klicken



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



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



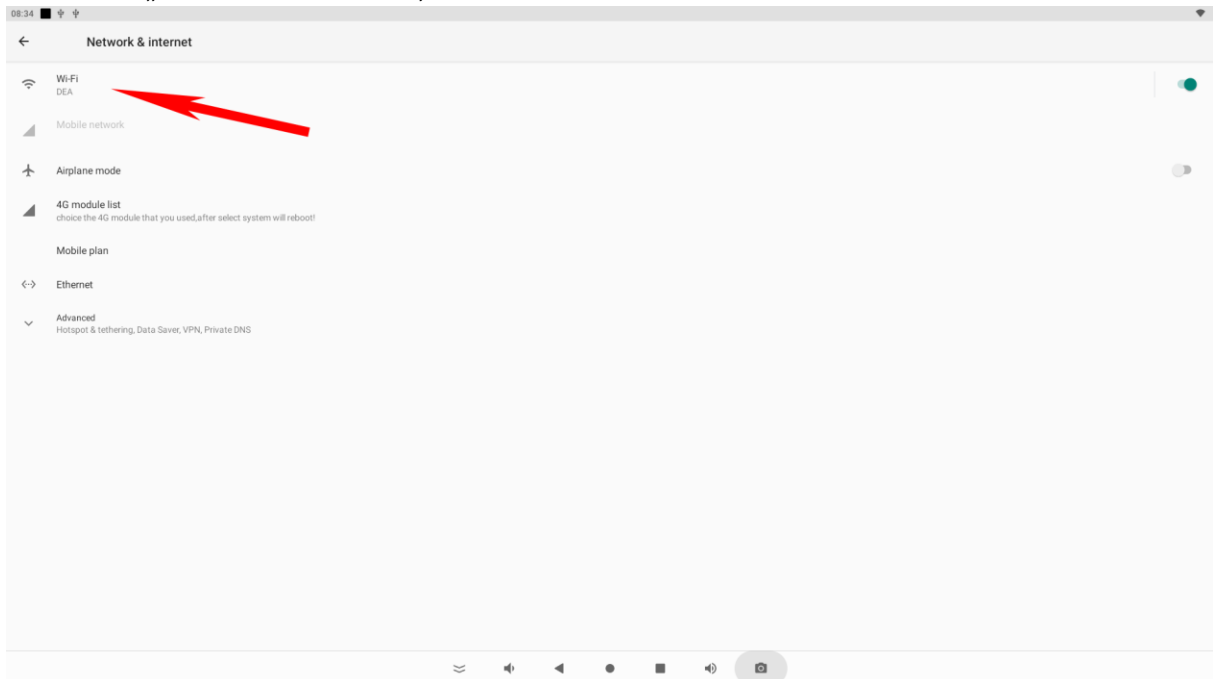
Auto-Ping – dauerhafte Netzwerkverbindung einrichten

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

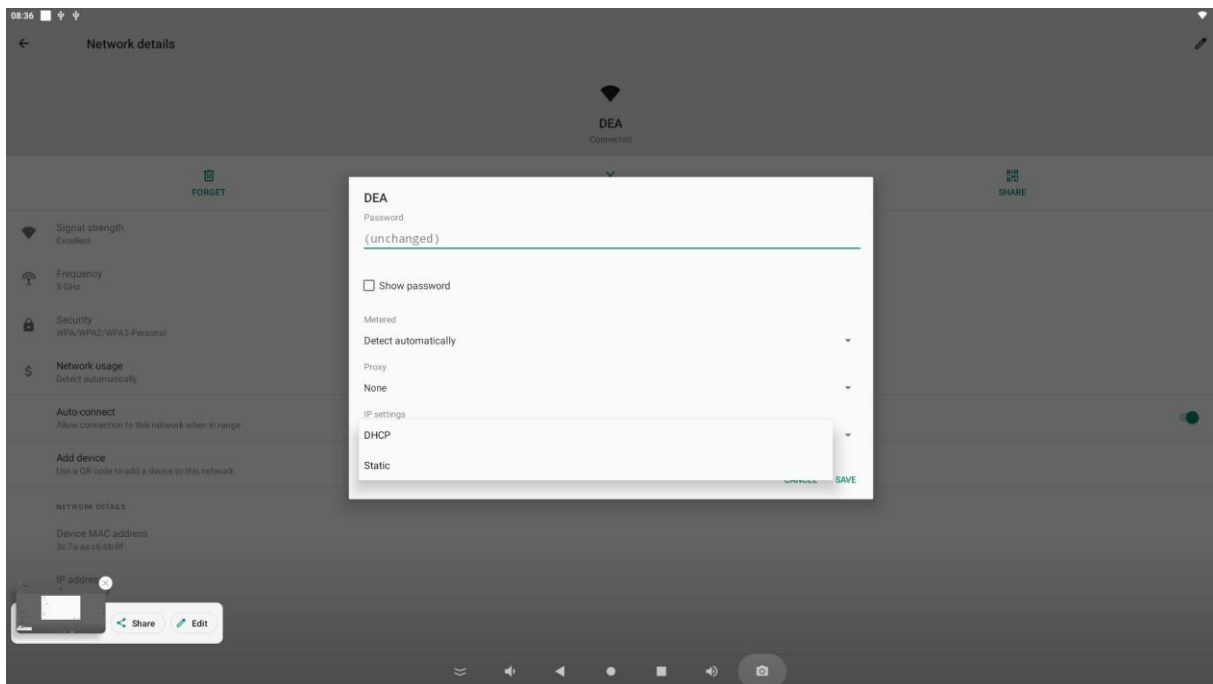
Öffnen Sie die App „Einstellungen“

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

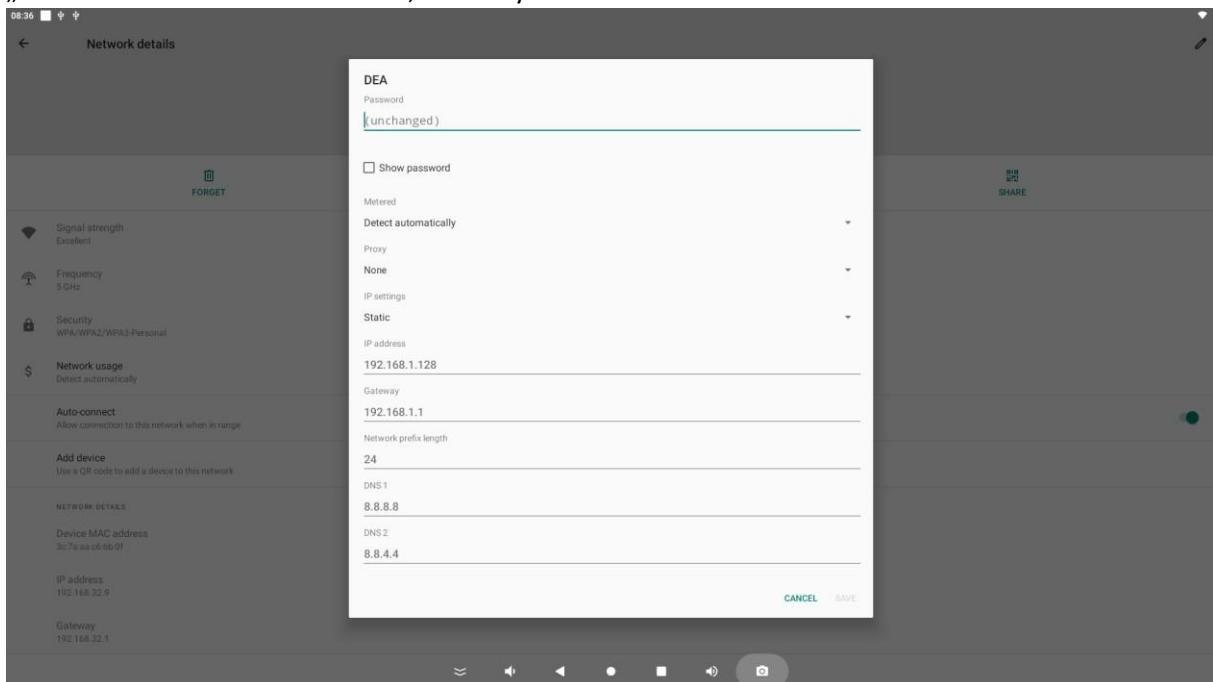


Wählen Sie das gewünschte WLAN Netzwerk aus und geben Sie gegebenenfalls das Passwort ein

Nach erfolgreich hergestellter Verbindung, verbindet sich das Tablet automatisch mit dem Netzwerk, wenn es sich in Reichweite befindet.



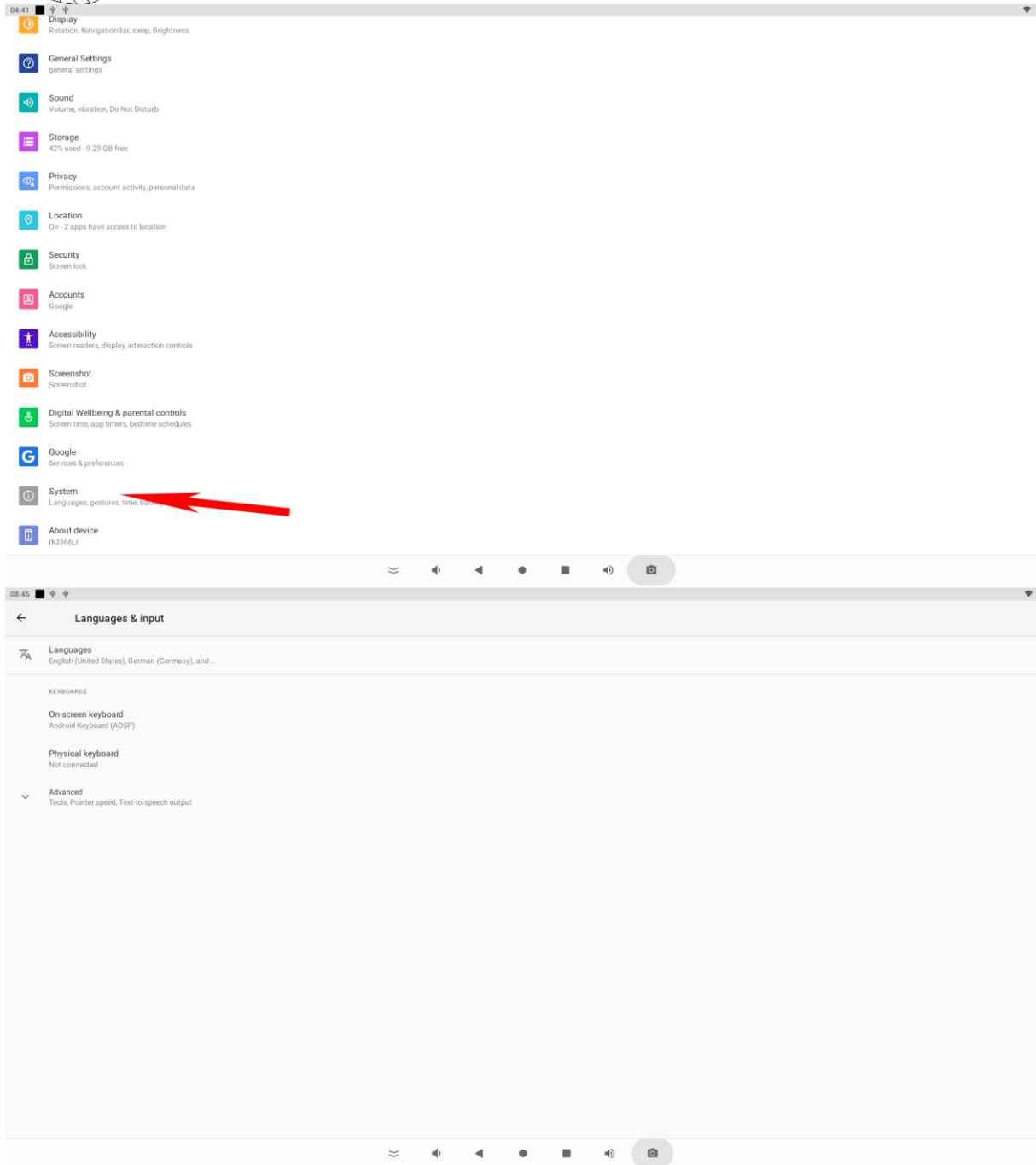
Eine statische Netzwerkverbindung können Sie unter IP Setting einrichten. Durch den Klick auf „Static“ können Sie die IP-Adresse, Gateway und DNS Server einrichten.

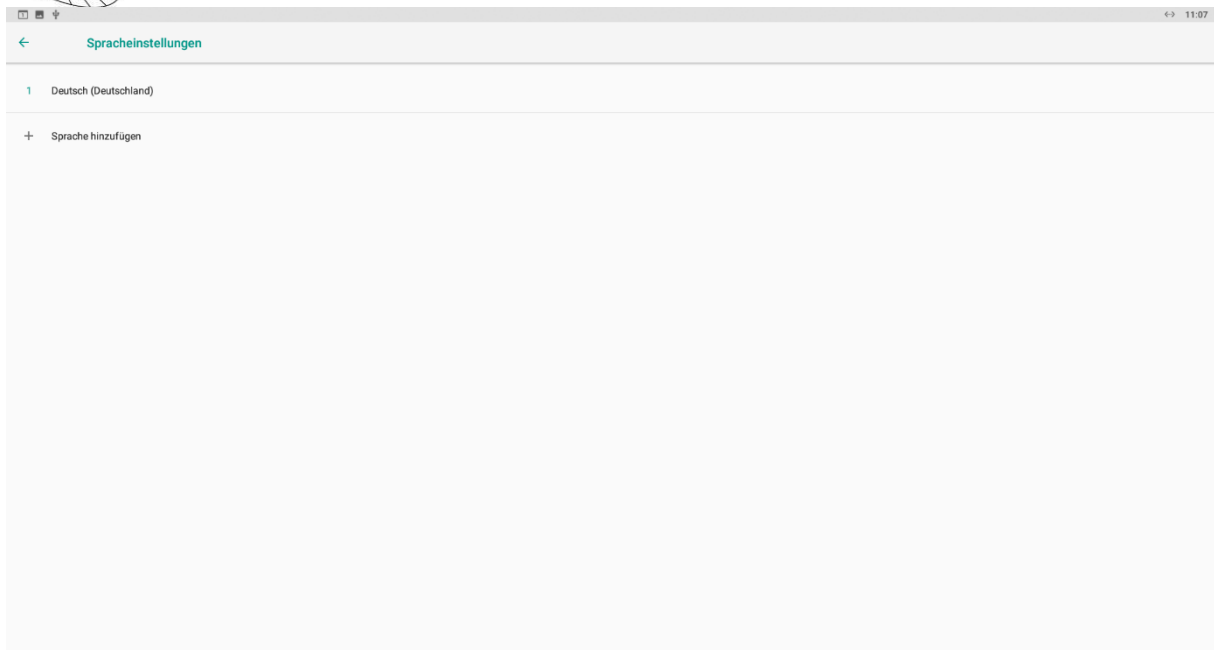


Einstellungen Sprache ändern

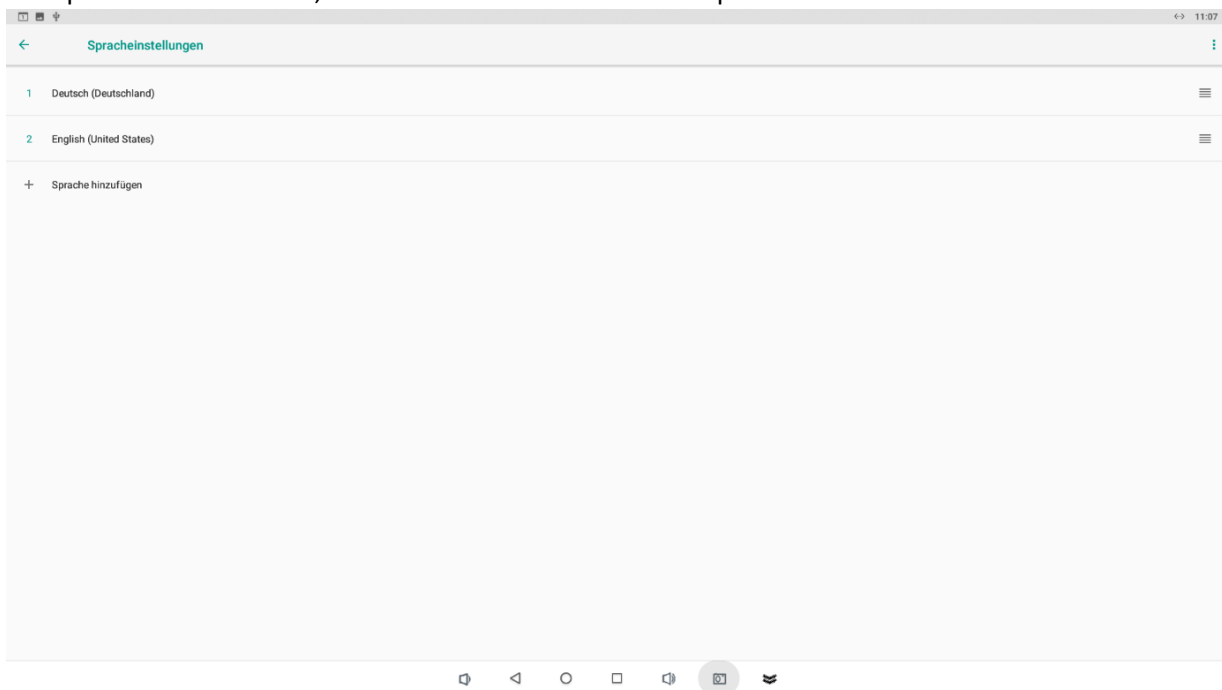
Öffnen Sie die App „Einstellungen“

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





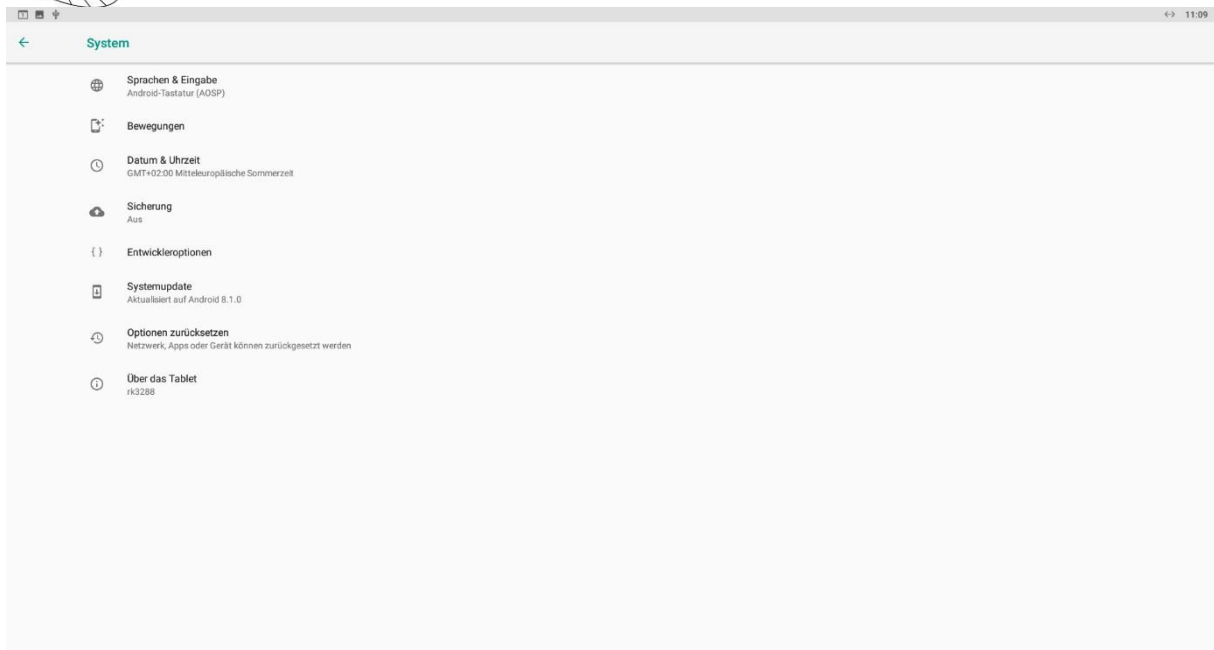
Die Sprache aktivieren Sie, indem Sie am rechten Rand die Sprache nach oben ziehen.



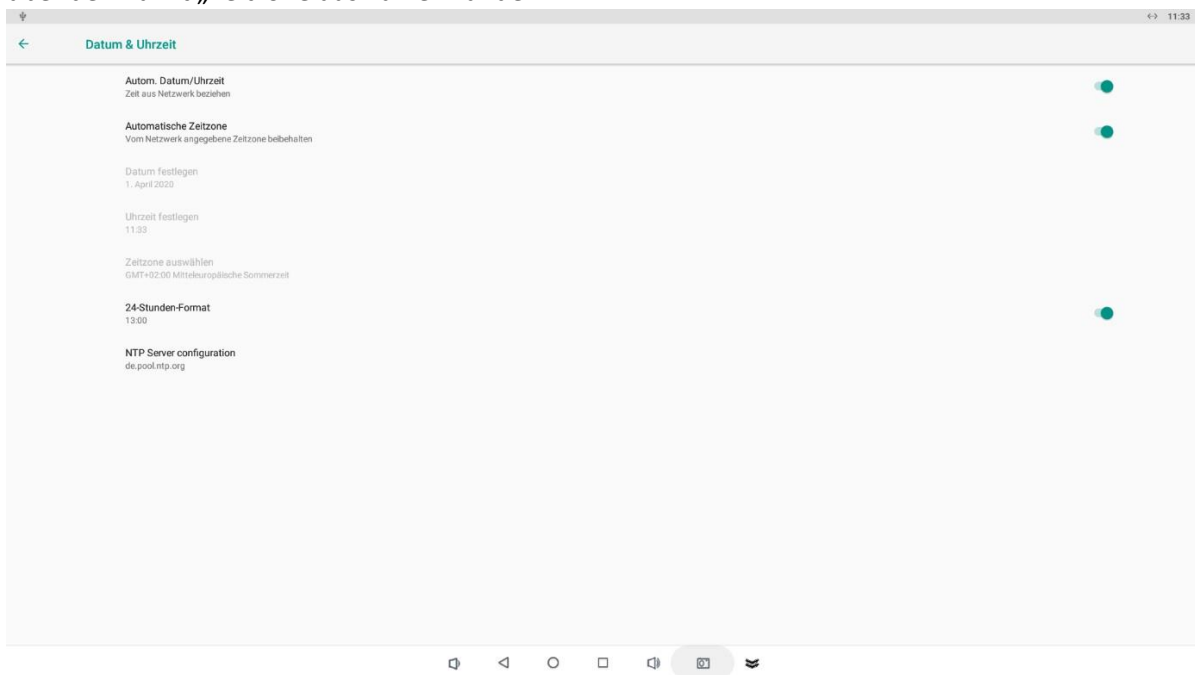
Einstellungen Zeitzone, Datum und Uhrzeit ändern

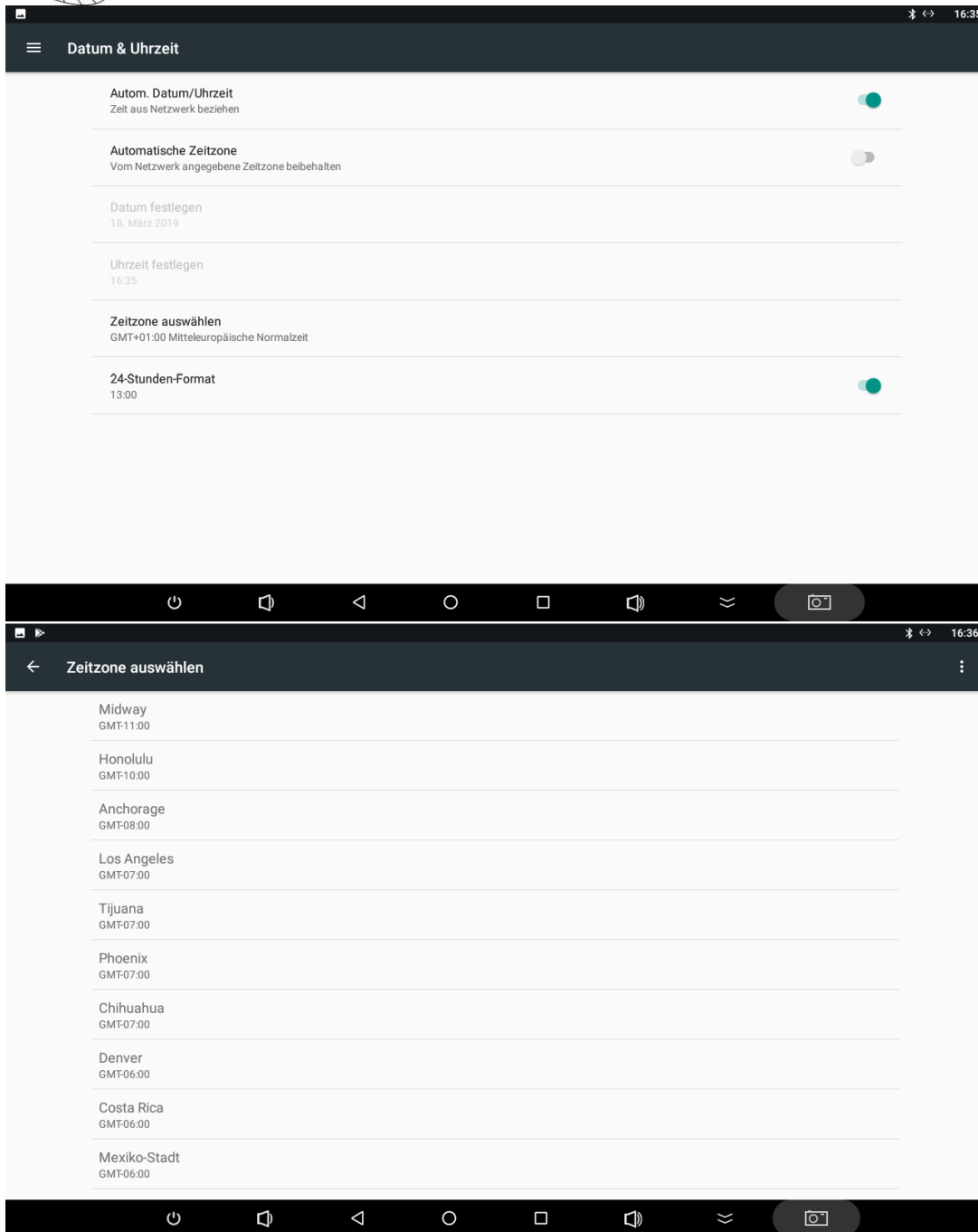
Öffnen Sie die App „Einstellungen“ den Punkt „System“ aus.

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



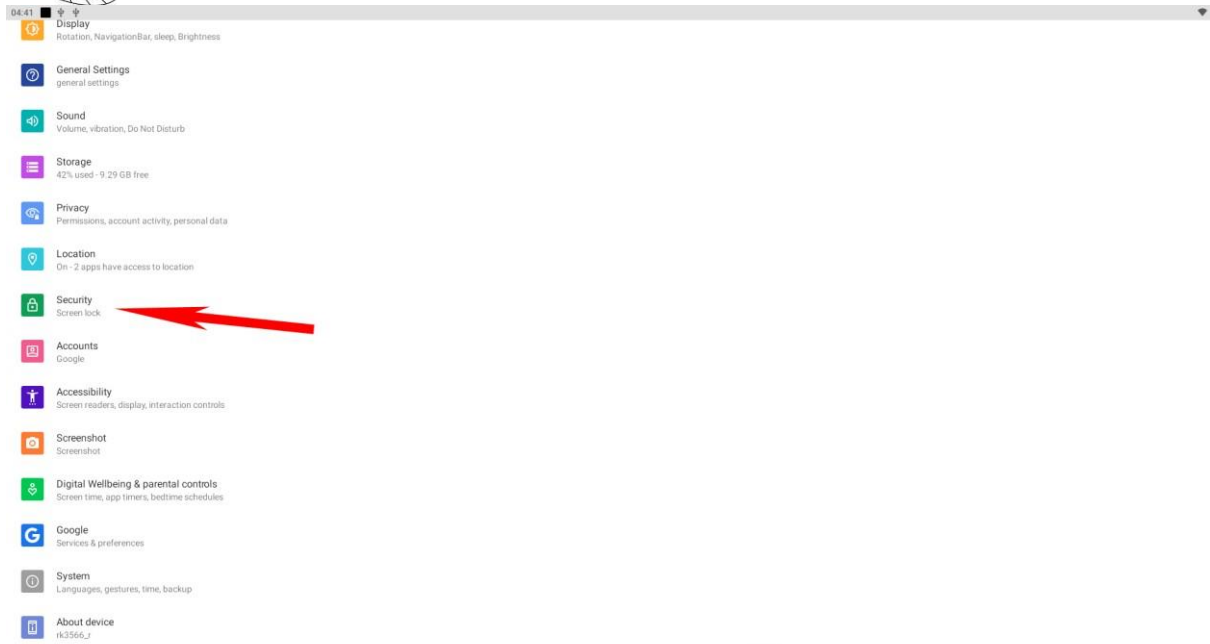
Die passende Zeitzone können Sie entweder automatisch über das Netzwerk beziehen oder manuell über den Punkt „Zeitzone auswählen“ ändern.



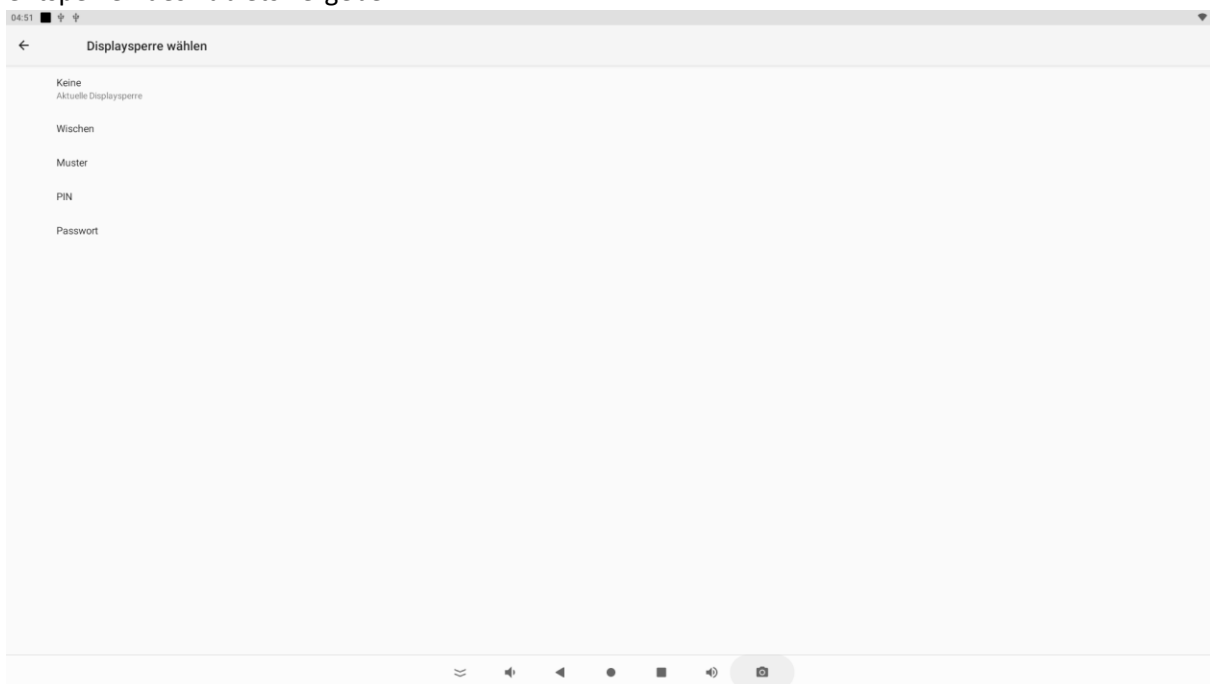


Einstellungen Displaysperre

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“

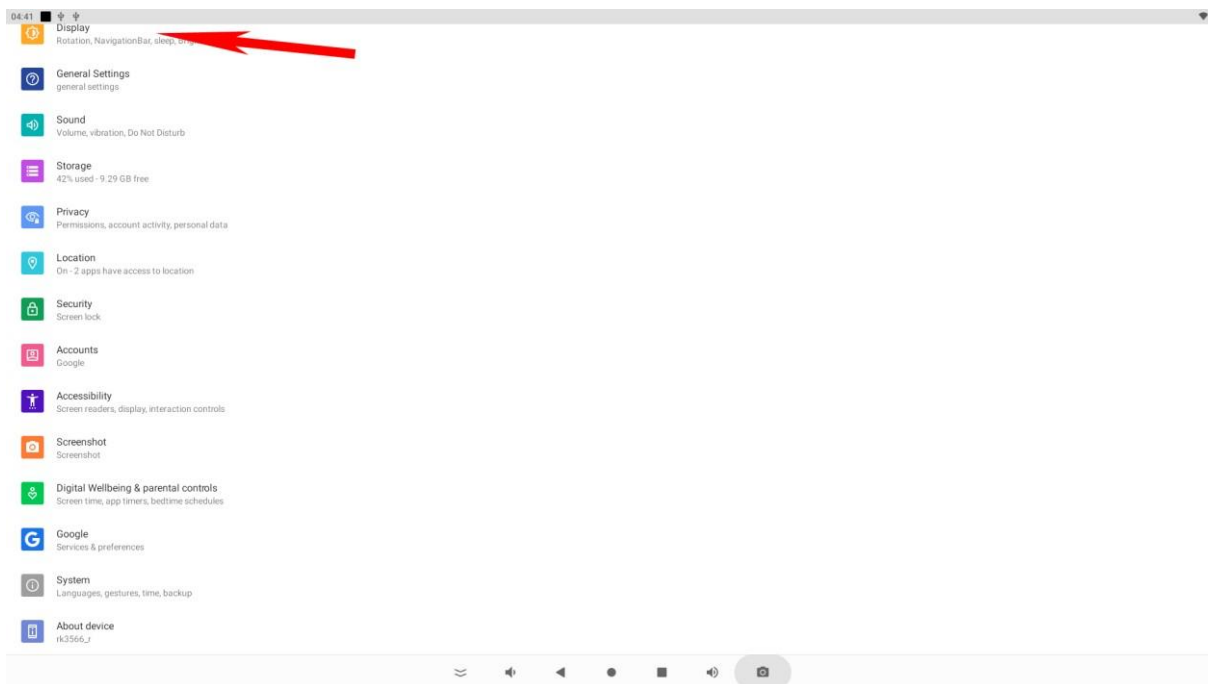
Wählen Sie den Menüpunkt „Töne“ aus dem Menüpunkt „Gerät“. Hier können Sie die Lautstärke für Medienwiedergabe, Wecker und Benachrichtigungen einstellen.

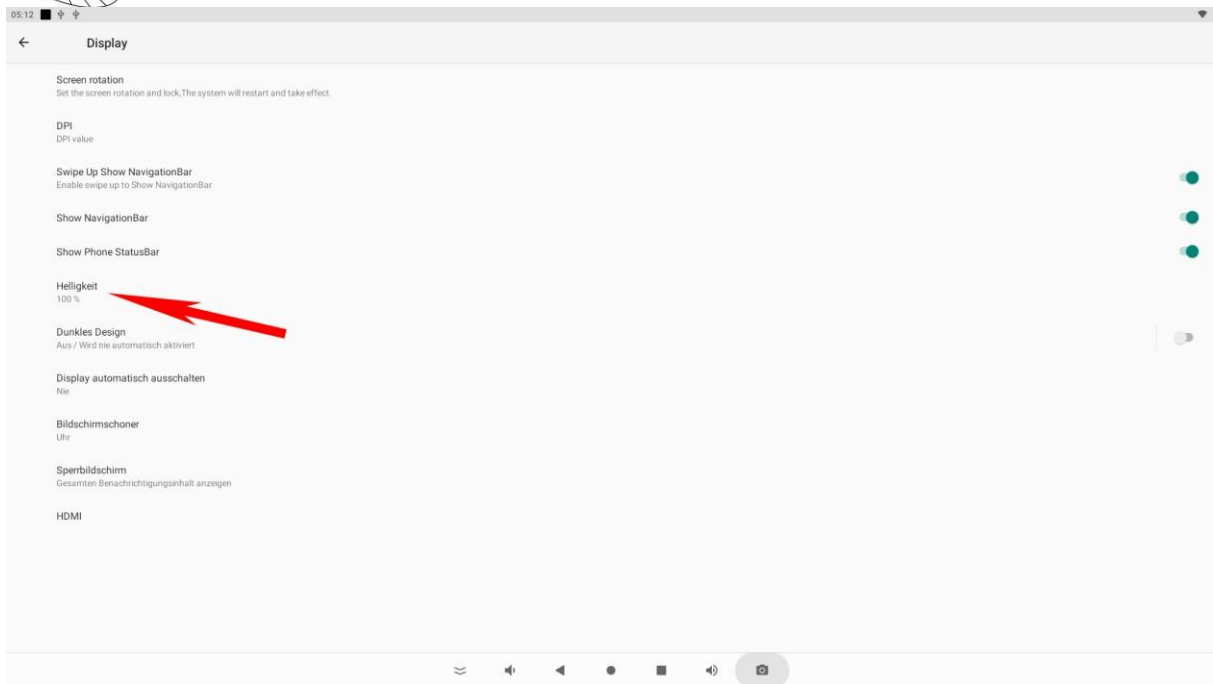


Einstellungen Display

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.

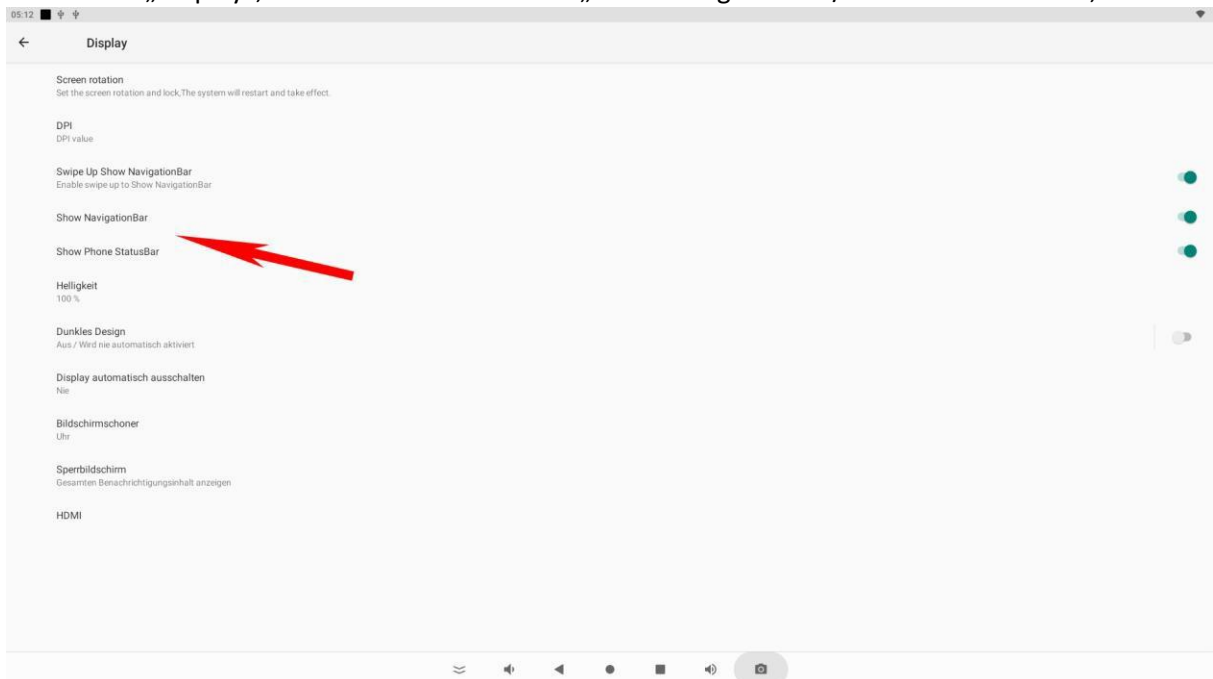




Navigationstreife/Statusleiste ausblenden

Öffnen Sie die App „Einstellungen“

Wählen Sie „Display“, schalten Sie anschließend „Show NavigationBar/ or Phone StatusBar“, aus.

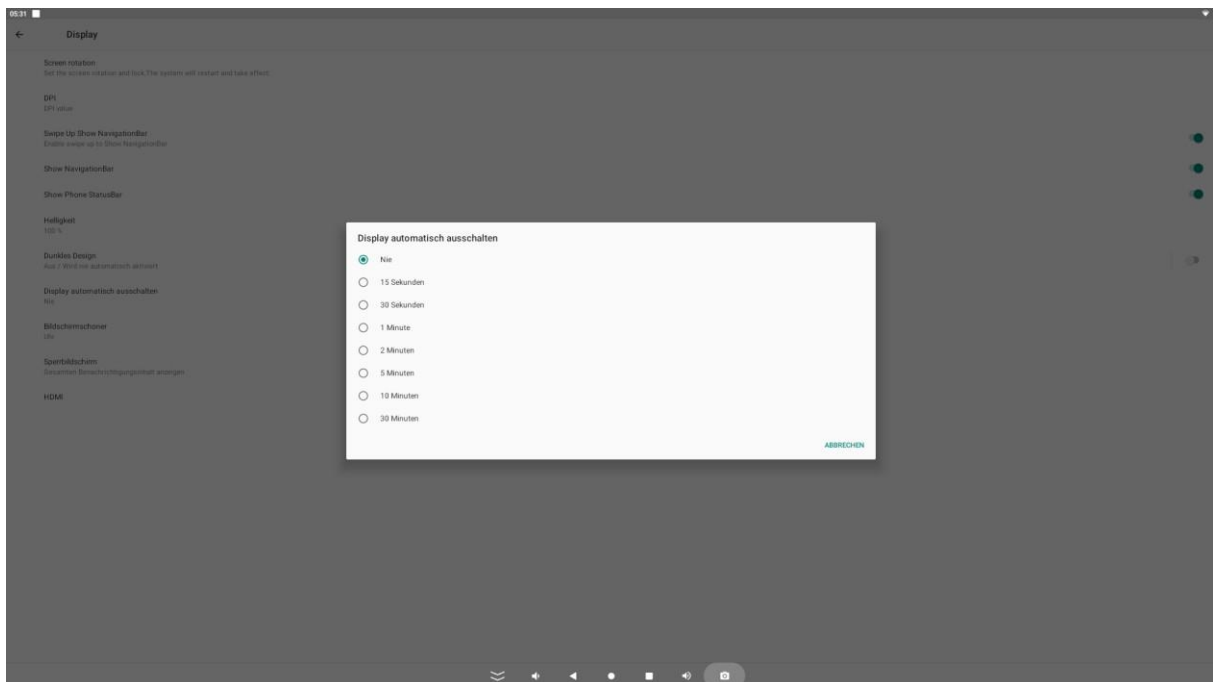
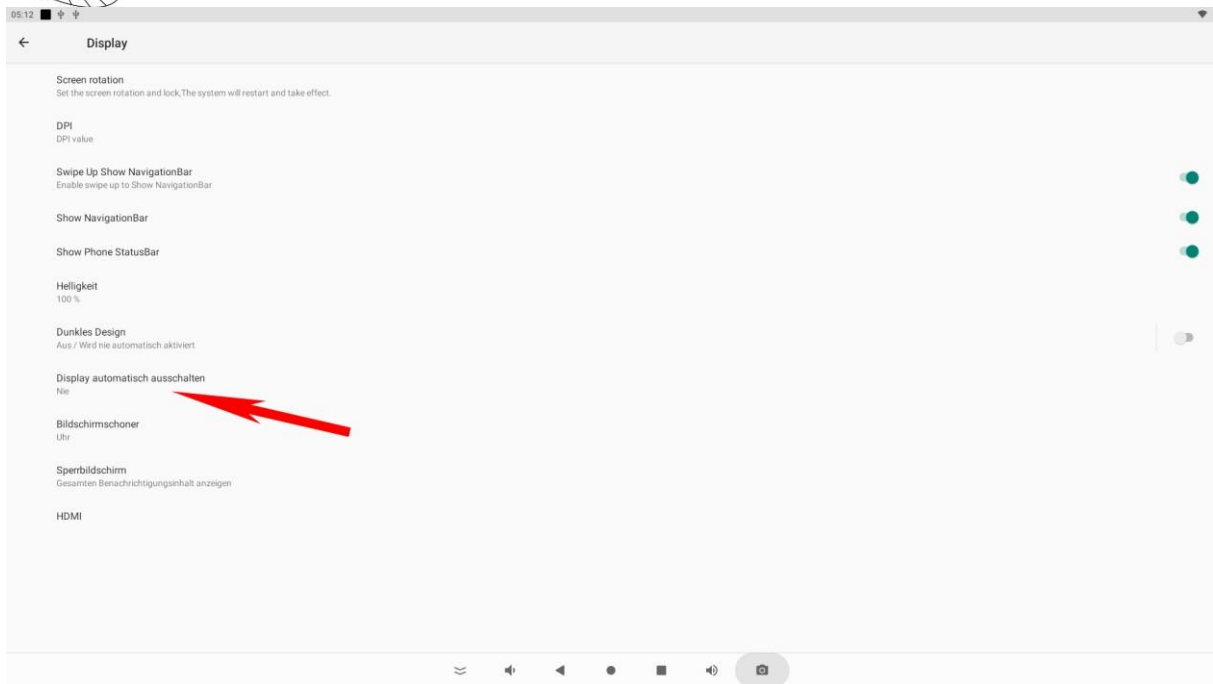


Sie können auch das Tablet mit einer Maus und einer Tastatur bedienen. Die linke Taste ist der „Mausklick“, die rechte Maustaste ist die „Zurück“ Taste

Einstellungen „Display automatisch ausschalten“

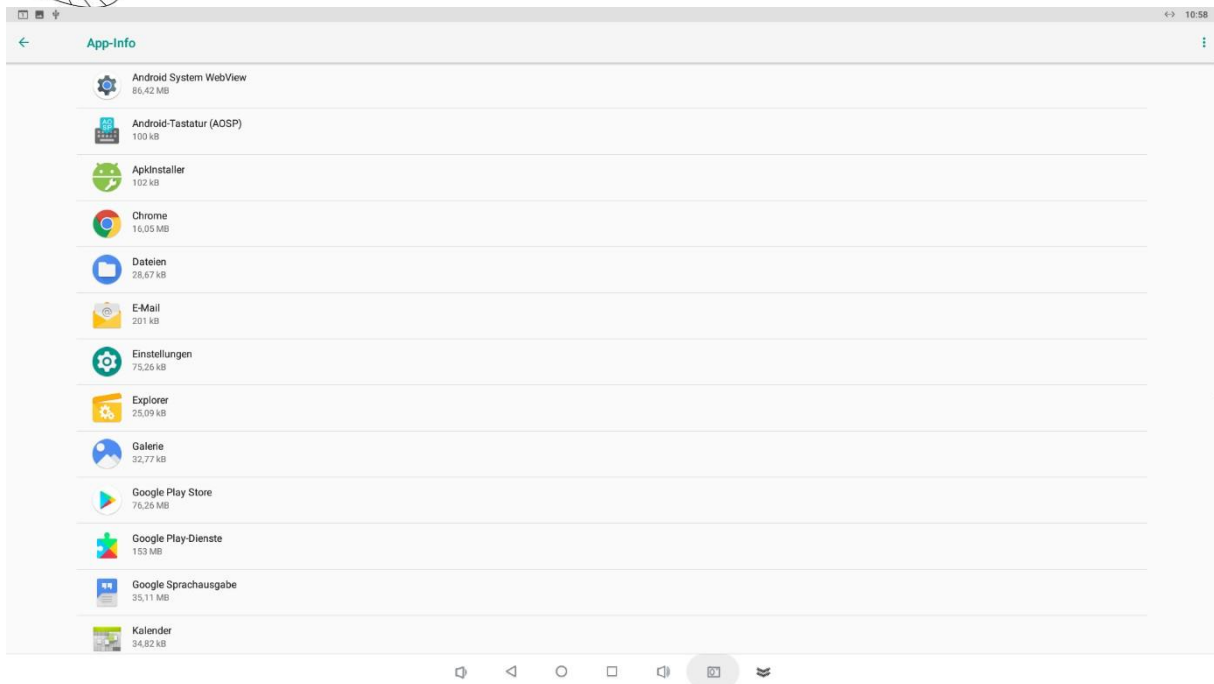
Öffnen Sie die App „Einstellungen“

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.



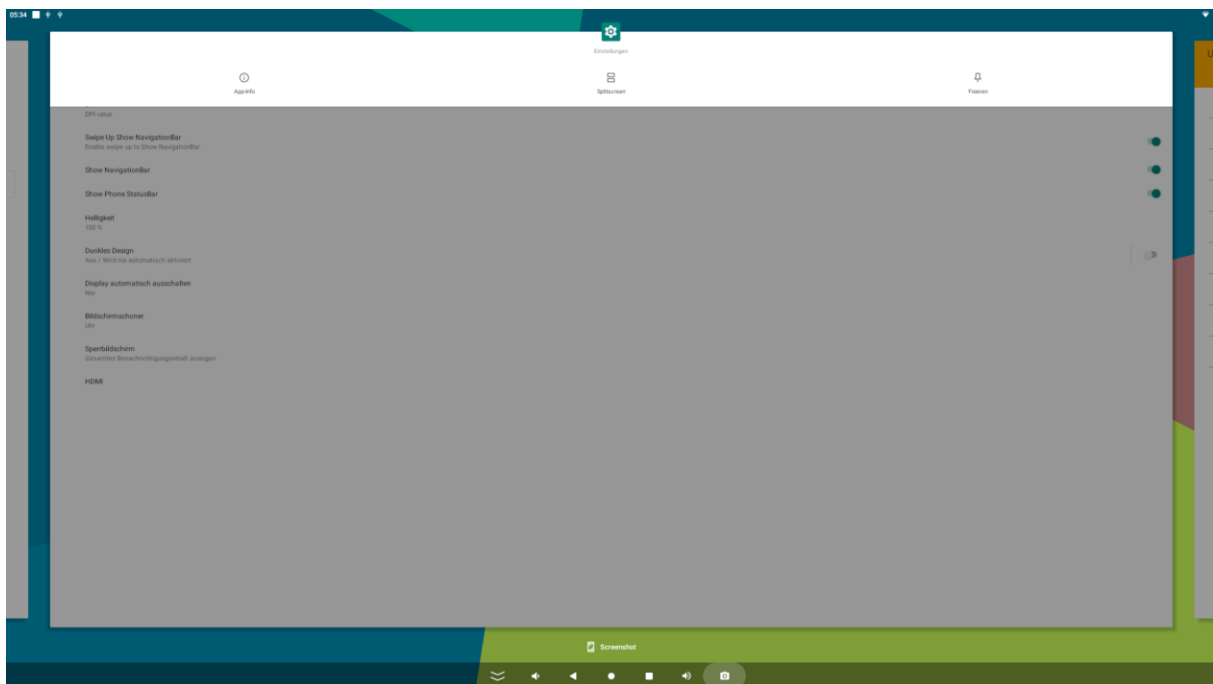
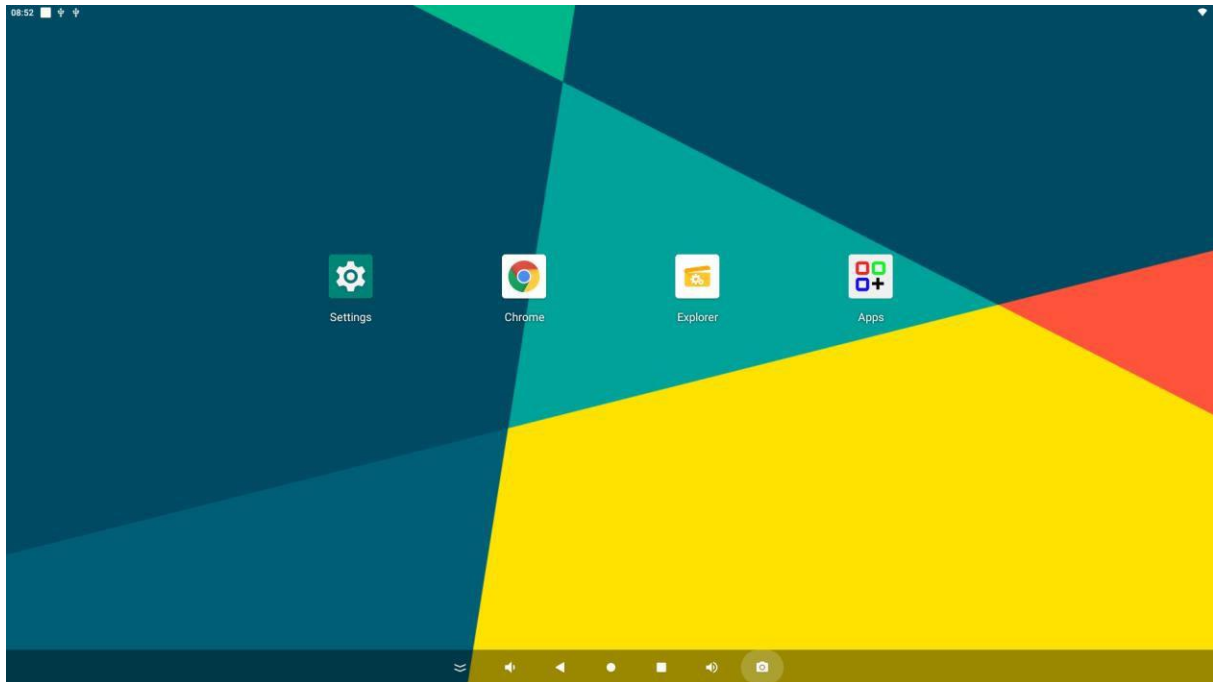
Verbindung zum Google Play Store

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.

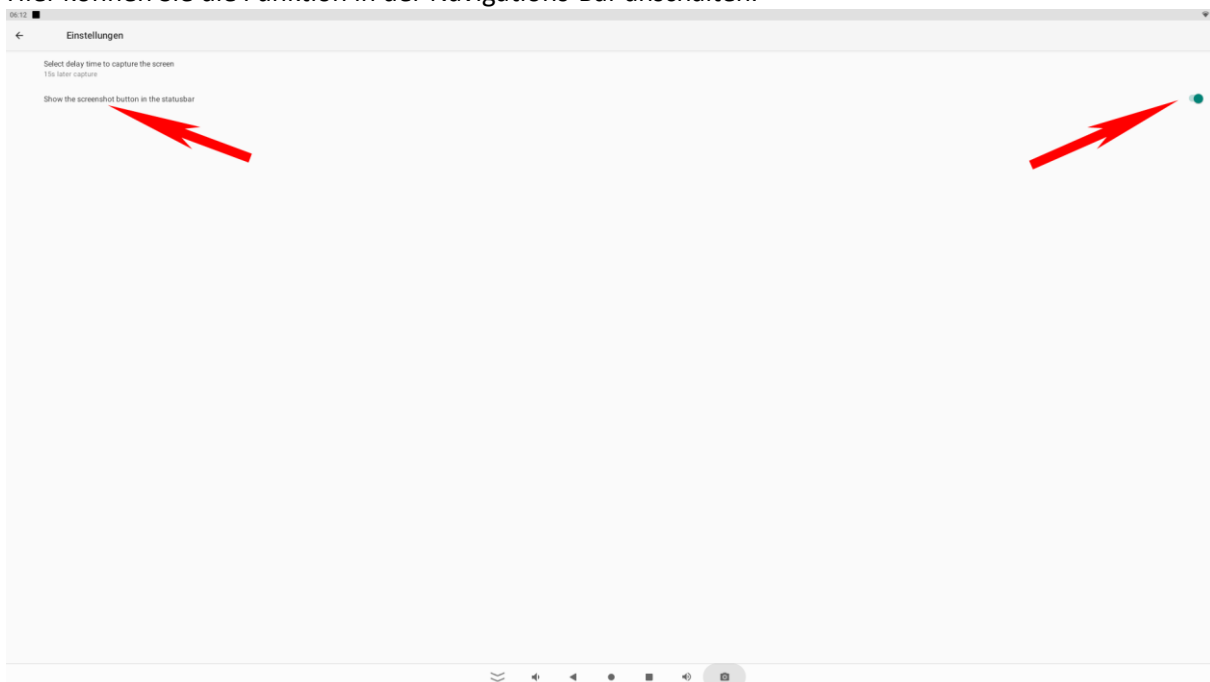
Klicken Sie auf das rechteckige Symbol in der unteren Navigationsleiste. Im Anschluss bekommen Sie alle aktiven Apps angezeigt. Klicken Sie auf das obere Logo in der Mitte der zu verwendenden APP. Es öffnet sich ein Menü. Dort auf Splitscreen klicken und die zweite App per Klick auswählen. Diese müssen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

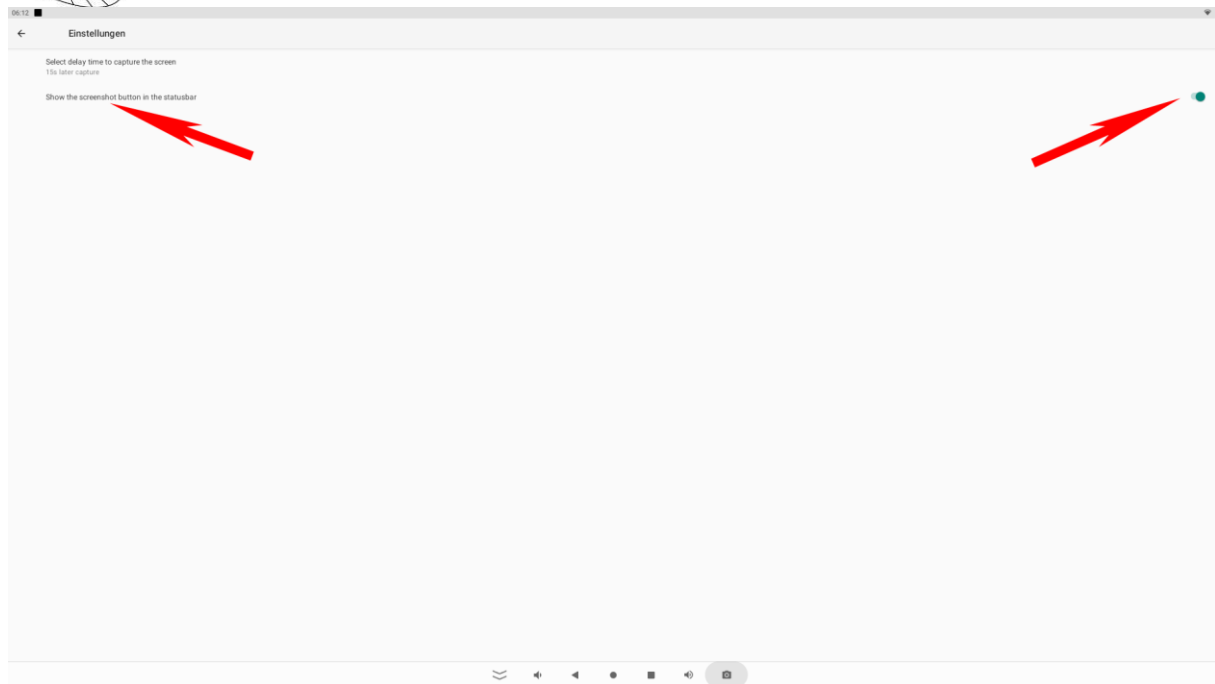
Screenshot erstellen

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



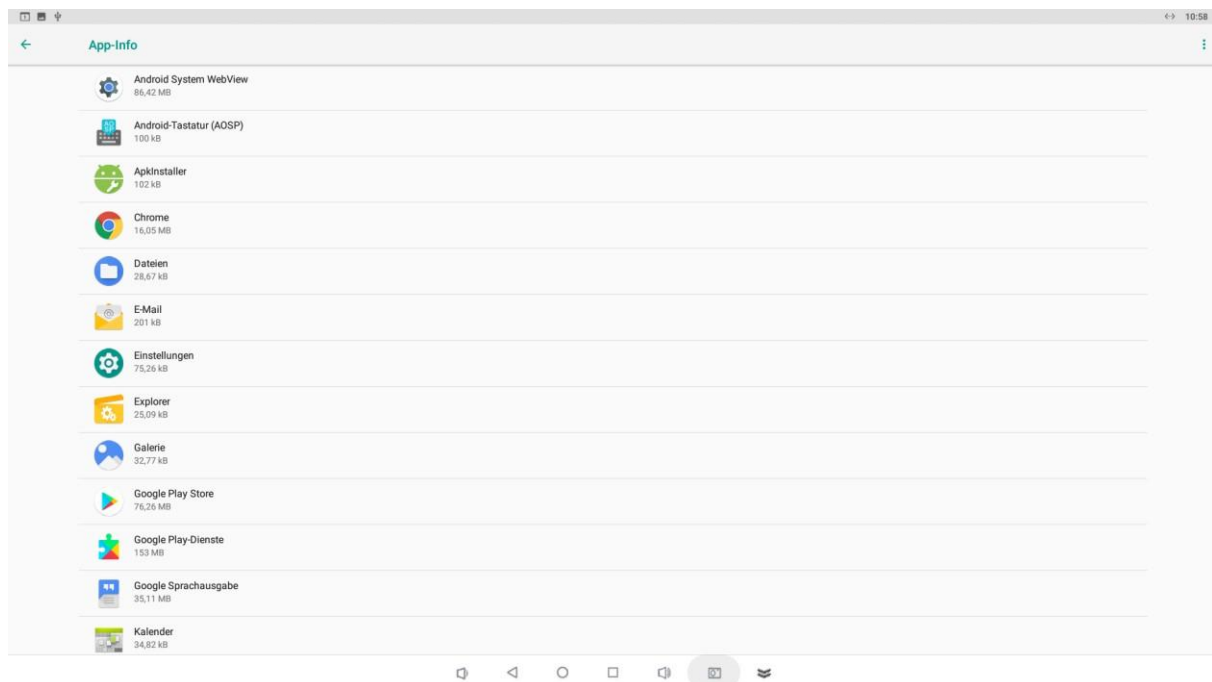
Hier können Sie die Funktion in der Navigations-Bar anschalten.





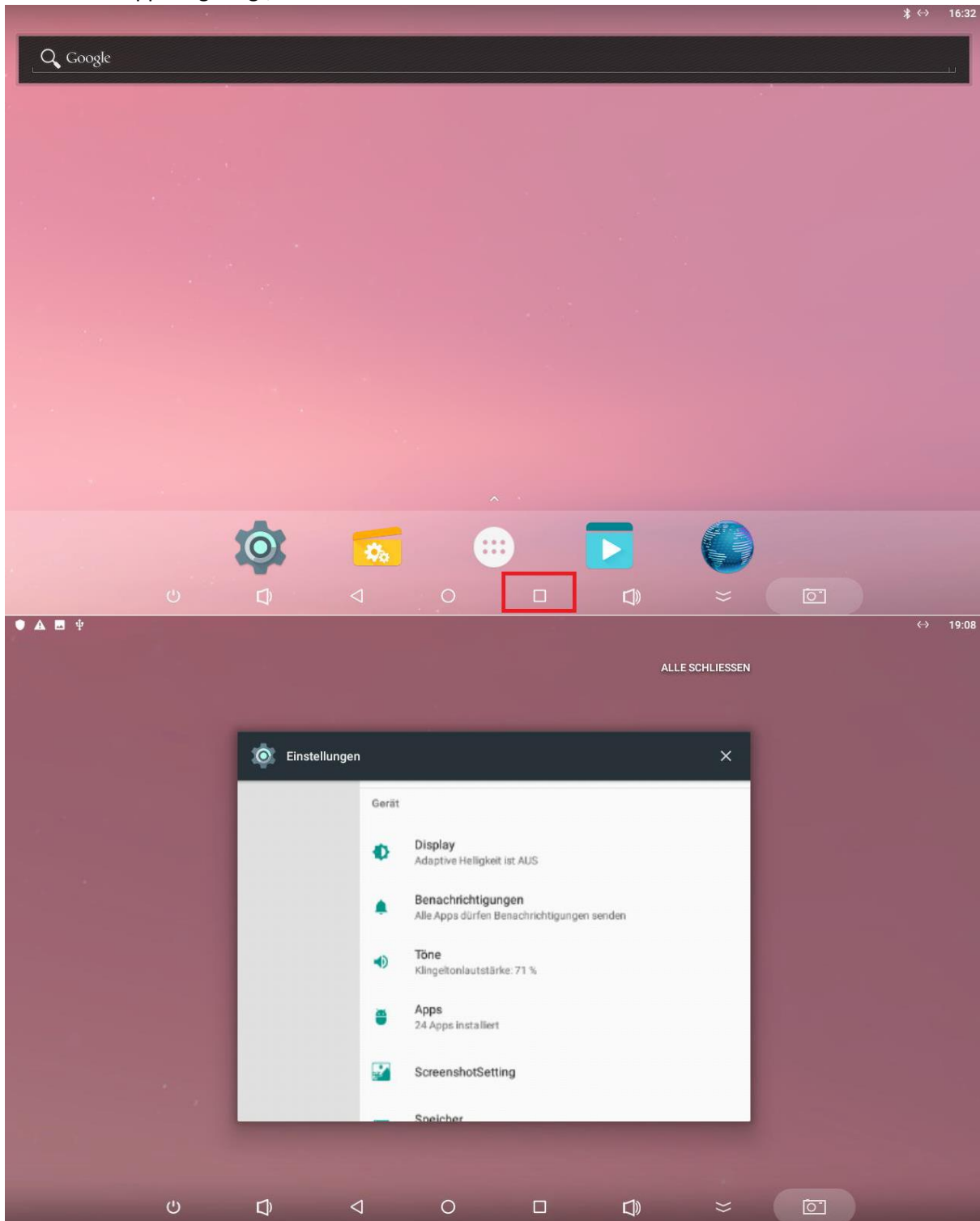
Verbindung zum Google Play Store

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!



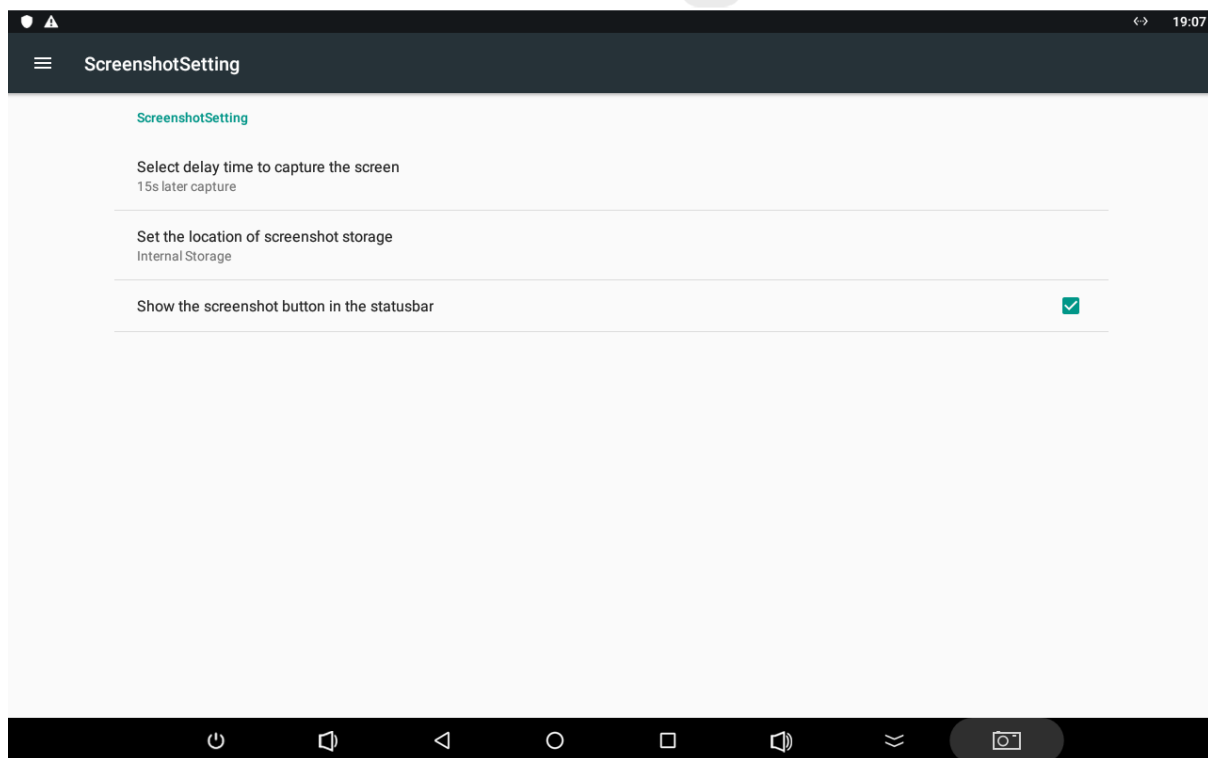
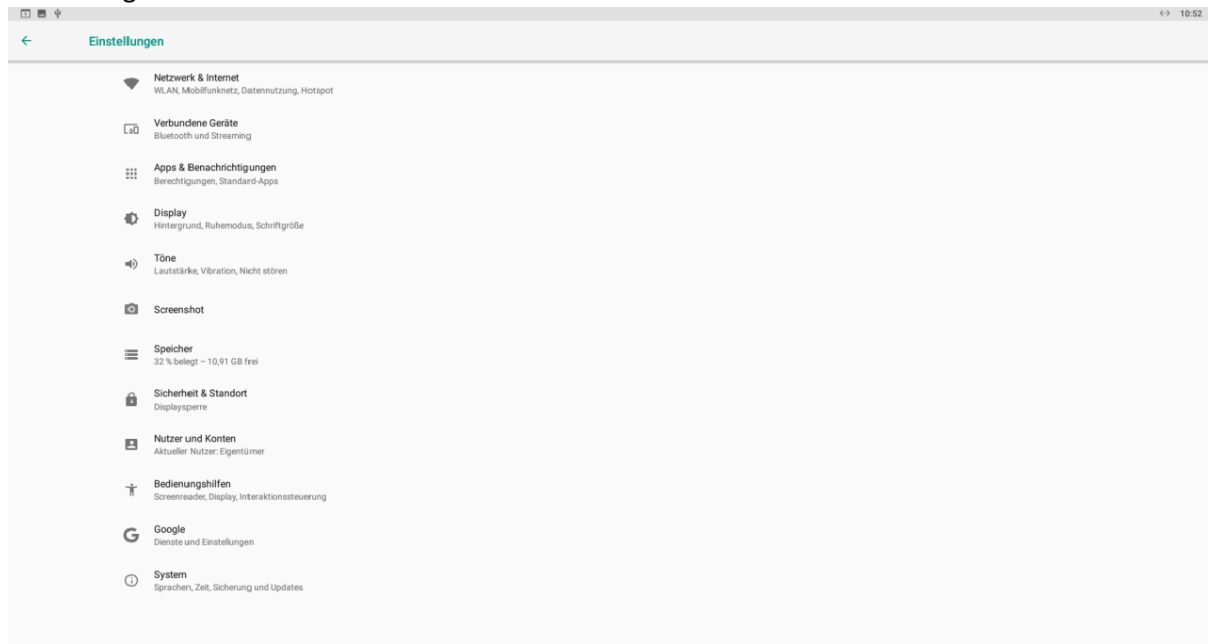
App beenden

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.



Screenshot erstellen

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



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



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.

For more information and help, see the User Manual for ALLNET PoE Displays at <http://www.allnet.de/downloads.html> or the Service Portal at <http://service.allnet.de>

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Safety Warnings

For your safety, be sure to read and follow all warning notices and instructions.

- Do not open the device. Opening or removing the device cover can expose you to dangerous high voltage points or other risks. Only qualified service personnel can service the device. Please contact your vendor for further information.
- 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.
- Do not obstruct the ventilation slots on the device.



CE-Declaration of conformity



For the following equipment:

ALLNET Meetingraum RGB LED Tablet mit NFC

MT-13RK3288A10PoE-NFC
MT-13RK3288A10WPoE-NFC
MT-15RK3288A10PoE-NFC
MT-15RK3288A10WPoE-NFC
MT-10RK3288A80PoE-NFC



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 ALLNET Tablet10RK3288A80PoE conforms to the Council Directives of 2014/53/EU.

This equipment meets the following conformance standards:

EMC 2014/30/EU
LVD 2014/35/EU
RoHS 2011/65/EU
EN55032:2015
EN55035:2017
EN62311: 2008
EN50665:2017
ETSI EN301 489-1 V2.2.3 (2019-11)
ETSI EN301 489-17 V3.1.1 (2017-02)
ETSI EN300 328 V2.2.2 (2019-07)
EN62368-1:2014+A11:2017

This equipment is intended to be operated in all countries.

This declaration is made by

ALLNET GmbH Computersysteme
Maistraße 2
82110 Germering
Germany

Germering, 19.07.2019



Wolfgang Marcus Bauer
CEO



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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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.

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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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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.

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