How To: Get Started with the Lenovo A3 Smart Glasses

Introduction

The Lenovo A3 Smart Glasses are compliant with ANSI Z87.1 safety standards for eye protection and offer hands-free operation with AR functions, virtual monitors, and gestures.

The Lenovo A3 Smart glasses function as safety glasses that are compliant with the **American National Standards Institute** standard ANSI Z87.1 for classifying eye protection. The Lenovo A3 smart glasses also support Augmented Reality (AR) functions, virtual monitors, and gestures when operating hands-free.

Figure 1. Smart Glasses AR Functions

Install Onsight Connect

Install Onsight Connect software from the Android (Google Play) store and grant necessary permissions for microphone audio, camera pictures, and device's location when prompted.

Download and install the **Onsight Connect** software from the Android (Google Play) store and follow the prompts.

Note: If you are asked for permissions to access your microphone audio, camera pictures, device's location etc., click **OK**, **Allow**, or **Yes**, as necessary.

Launching Onsight Connect

To launch Onsight Connect, access the Companion app, tap the A3 Home icon, and either continue as a guest or sign in with your credentials. Use the Pointer to navigate and tap with the Touchpad to activate functions. Remember to enable the Remember Me option for automated login.

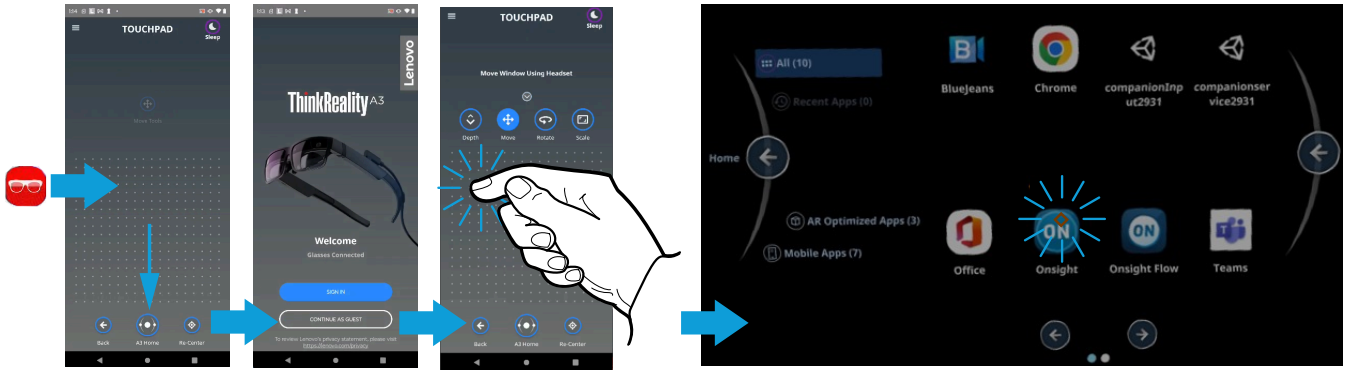

Figure 2. Launching Onsight Connect

To access **Onsight Connect**, you will need to:

1. Tap to launch the **Companion** app and tap the **A3 Home** icon.
2. Tap the **CONTINUE AS GUEST** option or **SIGN IN** using your credentials.
3. From the **Home** screen, the **Pointer** follows your gaze. Focus and stare at **Apps** and the pointer activates . Now tap with the **Touchpad** to activate the function.
4. Focus and stare at **Onsight** and tap the **Touchpad** to launch **Onsight Connect**.
5. Tap to login using your credentials. Use the Android keyboard to enter your **Username** and **Password**.
6. Tap to enable the **Remember Me** option to automate the login process.
7. Double-tap **Login** to begin using **Onsight Connect**.
   This completes the procedure.

Key Differentiators

The Lenovo A3 is a unique Android phone that works with smartglasses and a touchpad via the A3 Companion app. It features hands-free operation with gaze selection and ray casting.

The **Lenovo A3** stands-out from normal Android phones as follows. It can:

1. Access the **A3 Companion** app to combine a **Touchpad** with smartglasses.
2. The smart glasses project a virtual display in front of the user. No projector screen or display required.
3. Use **Gaze Selection** to operate hands-free.
4. Support **Ray Casting** and other pointing solutions using the **A3 App Space** app.

A3 Companion App — Touchpad & Virtual Display

The A3 Companion app works in combination with the virtual display to interact with the application and virtual environment. It displays a grid using a series of dots and enables you to:

1. Tap to **Select** items on the screen.
2. Swipe to **Scroll** up/down and left and right.
3. Tap the **Back** button to step backwards within the user interface one screen at a time.
4. Tap the **Home** icon to return to the main Home screen.
5. Tap the **Recenter** icon to reset the view within the glasses.
6. Access the **Menu** icon to access other screens (**Settings**, **Help**, **About** and **SIGN IN**).
7. Within applications, move your cursor to the right and locate buttons to **Close** (Exit) the application, access the **Keyboard** on demand, and **Scroll Up**, **Scroll Down** as needed.
8. **Gestures** — Use smartglasses or phone movements to reposition and move content within the display.

Gaze Selection

Enable **Gaze Selection** by navigating to **Home > Settings > Hands-free Selection**. Enable as **ON**.

Focus your stare on a on the display until the **Pointer** activates . Hold your stare to activate the function.

Ray Casting

Ray casting enables you to move the A3 phone like a laser pointer and use gestures to reposition and move content within the display.

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