SMARTWATCHVR

INSTALLATION AND USAGE GUIDE

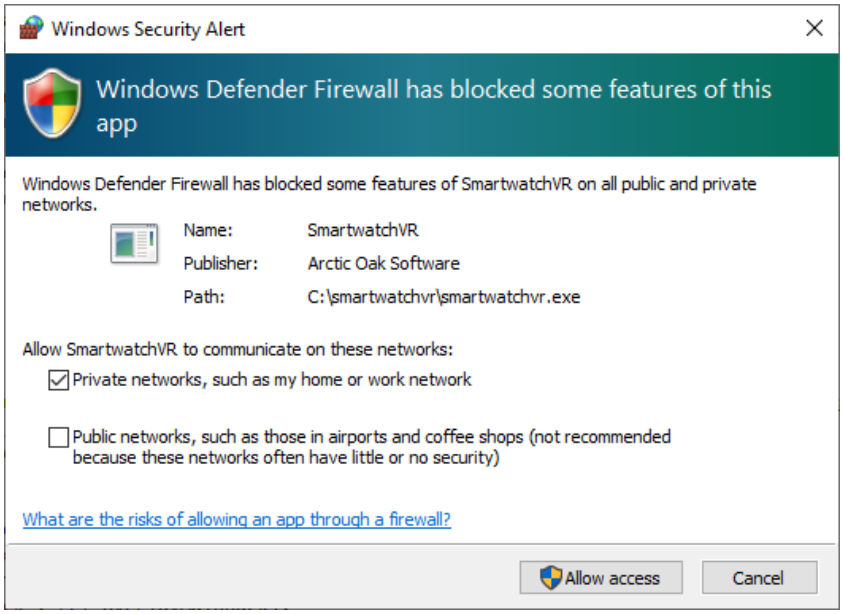
SmartwatchVR brings your Android phone to Virtual Reality. It is a two-part application, with both a SteamVR application and an Android mobile app. Both must be installed for SmartwatchVR to function correctly.

SmartwatchVR requires the following:

- A SteamVR-compatible VR headset
- A mobile phone running Android
- A PC running SteamVR
- The phone and PC must be on the same network and able to communicate with each other.

After installing the Steam application, you will need to configure it on the PC's desktop.

FIREWALL CONFIGURATION



The first time you run it – immediately after you install it – Windows will display a security alert asking if you want to allow SmartwatchVR to communicate over your local network. You will need to approve this.

Note: If your home Wifi network is marked as a 'public' network, you will need to enable public networks here. Otherwise, you need only enable private networks.

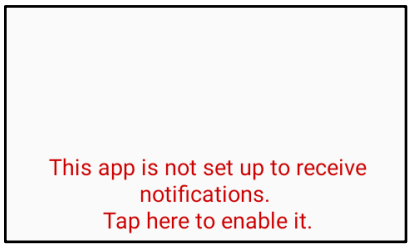
Once you've enabled the firewall, you need to configure the application. The configuration screen is normally minimized, but displays if you have not yet configured SmartwatchVR.

Mobile App Configuration

The mobile app is available as "SmartwatchVR Companion" from the Google Play store at

https://play.google.com/store/apps/details?id=com.arcticoaksoftware.smartwatchvrcompanion

...or by scanning this QR code with your phone's camera.

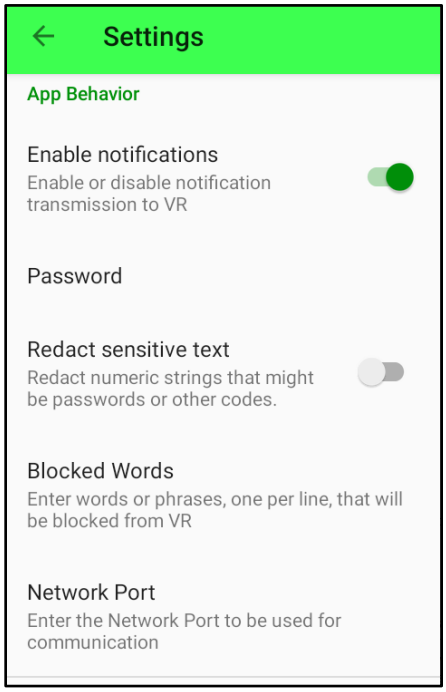


When you first run the app, you'll be warned that you need to give it permission to see notifications.

Tap the red text to go to the Android Settings page and give SmartwatchVR permission to see your notifications.

Until you give the app those permissions, SmartwatchVR will not function.

Once you have given the necessary permission, you will need to go to the Preferences screen to configure SmartwatchVR.



On this screen, you have the following options available:

Enable notifications: This is a master on-off switch that can be used to disable the app's functionality without uninstalling it.

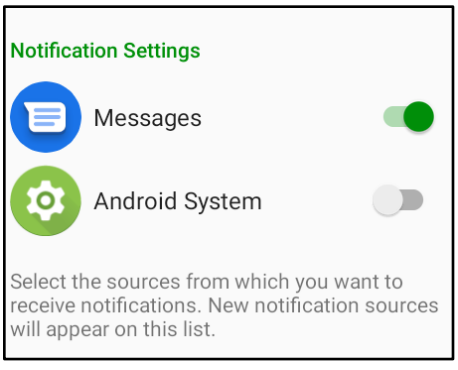
Password: You must choose a password that will be used to scramble notification text here. This password must also be entered into the VR app.

Redact sensitive text: You may receive messages from banks or other organizations with one-time codes in them. If a message contains a string of numbers and dashes, this will redact it so that it cannot be viewed from VR.

Blocked Words: If you have a particular word or phrase that you would like to not have forwarded to VR, you can enter it here and any notification containing it will not be forwarded.

Network Port: If you would like to run on a port other than the default port, you can change it here. Both the mobile app and the VR app must use the same port.

Notification Settings: You can choose to enable or disable notifications from specific apps here.



PC VR Application Configuration



When running, the VR app shows a preferences dialog that allows you to change the way that SmartwatchVR behaves.

It offers the following options:

Password: This is used to scramble notifications sent over the network and must be the same on the VR and Mobile apps.

Preferred Hand: Choose whether you want the watch attached to your left or right wrist.

Force one-handed mode: If there is only one controller available, SmartwatchVR will automatically attach to that hand, and the off-hand pointer will instead float in front of your headset. Use this checkbox to force one-handed mode even if two controllers are available.

Automatic Responses: When responding to a text message, you can have up to four responses available. You can configure them here.

Audio: SmartwatchVR produces a controller vibration when a notification is available. Checking this box will generate an audio prompt as well.

Idle Display: By default, if no notification is available, a SmartwatchVR logo is still displayed on your wrist. Check this box to hide it entirely instead.

Network Port: This is the network port used for communication between the mobile and VR applications. It must be the same on both apps.