# How to set up Partner Display<sup>™</sup> on Android





#### About

The Eyegaze Edge<sup>®</sup> Partner Display<sup>™</sup> is a powerful feature that benefits Eyegaze Edge users, their family members, and their caregivers alike.

The Partner Display<sup>™</sup> is provided via a hand-held secondary screen on an Apple or Android phone or tablet.

There are three valuable new abilities provided by the Partner Display<sup>TM</sup>: A secondary display with typed text, easy positioning and setup, and full control of all of the system settings from a second device.



When someone communicates via typed text using the Eyegaze Edge<sup>®</sup>, the text is displayed on the Partner Display<sup>TM</sup> where it can be positioned to be comfortably viewed just about anywhere. With the Partner Display<sup>TM</sup>, it's easy to communicate even

without verbalizing out loud. Chat text, Phrases text, and keyboard text all appear clearly on both the Eyegaze Edge<sup>®</sup> screen and on the Partner Display.

Any time you're using an eye tracking system, it's good to be able to see visually how well the system is working. The Eyegaze Edge<sup>®</sup> has always provided detailed images with added information to show exactly how well it's working. Until now, the eye images have always been on the main display. Sometimes a care giver wants to be able to see those eye images, but might not be able to easily see them depending on how the device is positioned for the user. Now the detailed images are available on the Partner Display<sup>TM</sup> where a caregiver can easily monitor the system or help position the user to make sure it's easy to run the system.

Our simple but powerful Settings Program is fully available on the Partner Display<sup>™</sup>, and changes made take effect immediately. Now a caregiver is able to help adjust and control the Eyegaze Edge<sup>®</sup> tablet without taking the screen away from the active user. In 2020, we released our new Eyegaze Edge<sup>®</sup> Settings program that brings all of the system settings and adjustments together in one simple, informative, and easy to use place. With the Partner Display<sup>™</sup>, we're bringing that usability improvement to the second display device.

So, the Partner Display<sup>™</sup> provides: 1) Displayed text produced by the user within the ECS Phrases, ECS Keyboard, EyeWorld Chat and Eyeworld Phrases screens. 2) Eye Images to allow easy positioning of the system and a way to see exactly how well the eye tracking functions are performing by looking at the indicators on the display. 3) Allows easy, immediate access to system settings functions without interrupting the user.

## Step 1 (On your Eyegaze Edge<sup>®</sup>)

To setup Partner Display<sup>™</sup>, you will need to have the SpaceDesk application installed on both on your Eyegaze Edge<sup>®</sup> and iOS device. To install SpaceDesk on your desktop, first navigate to "spacedesk.net" using your preferred browser and scroll down to the bottom of the page. Select the "DOWNLOAD" tab.

Home DISPLAY DRIVER SOFTWARE DOCUMENTA	TION SUPPORT	DOWNLOAD	datronicsoft Schware Development 9 www.zutroeir.ant.de	EN 🎫
space 1				
🕈 单 🗐 Secondary Machines				
Incal Area Network				
Primary Machine			CONTRACTOR OF	
MULTI MONITOR APPLICATION FOR WINDOW	<i>I</i> S			+

space	DISPLAY DRIVER SOFTWARE DOCUMENTATION SUPPORT DOWNLOAD	datronicsofi Software Development > www.statronicsofully
MUL	TI MONITOR APPLICATION FOR WINDOWS	+
DISP	PLAY DRIVER SDK (SOFTWARE DEVELOPMENT KIT) FOR WINDOWS	+
VIDE	EO WALL SOFTWARE ENGINE	+
LICE	NSE	+
SUPI	PORT	+
DOV	VNLOAD	+
RELE	EASE OVERVIEW	+

## Step 2 (On your Eyegaze Edge<sup>®</sup>)

A list of versions will appear. Select "Windows 10 (64 bit)". A file explorer menu will appear. It should default to saving in your downloads folder. If not, select your downloads folder from the tabs on the left of the window and click "Save". Find the file and open it.

DOWNLOAD		×
SPACEDESK DOCUMENTATION		
SPACEDESK DRIVER SOFTWARE FOR W Windows 10	VINDOWS PRIMARY PC (SERVER) Windows 8.1	
Windows 10 (64-bit) mti version: 0.9.69	Windows 8.1 (64-bit) mai version: 0.9.4.3	
Windows 10 (32-bit ) msi version: 03.69	Windows &1 (92-bit) msi version: 0.9-43	
Windows 10 version 1607 (Build 14393) and above Current version: Beta III v0.9.69	Current version: Beta III v0.9.43	

					~	õ	 250 GB SSD (C:)	
rganize 👻 New folder							-	(
second video	^ Name	Date modified	Туре	Size				
Space Desk Setup	Evenaze	7/16/2020 11:54 AM	File folder					
Constitute Claused Films	MSI	1/22/2018 10:52 PM	File folder					
Creative Cloud Files	PerfLogs	5/13/2020 9:22 PM	File folder					
Premiere Pro	Program Files	10/23/2020 4:12 PM	File folder					
OneDrive	Program Files (x86)	10/22/2020 6:31 PM	File folder					
This DC	SteamLibrary	8/23/2020 2:04 PM	File folder					
Inis PC	temp	6/11/2020 12:51 PM	File folder					
3D Objects	Users	9/20/2019 6:55 PM	File folder					
Desktop	Windows	10/15/2020 9:06 PM	File folder					
Documents								
Downloads								
h Music								
Pictures								
Videos								
250 GB SSD (C:)								
= 1 TB Video/Photo 1 (D:)	-							
= 1 TB Video/Photo 2 (E)								
250 GB M.2 (H:)								
250 GB M.2 (H:) RECOVERY (I:)								
250 GB M.2 (H:) RECOVERY (I:) 1 TB 970 EVO M.2 (I:)								

## Step 3 (On your Eyegaze Edge<sup>®</sup>)

A SpaceDesk setup window will open once saved. Select "Next". Check off "I accept the terms in the License Agreement" and hit "Next".

🛃 spacedesk Windows DRIVER	Setup	2 <u></u> 2		×
	Welcome to the span DRIVER Setup Wiza	cedesk Wind rd	dows	
	The Setup Wizard will install sy your computer. Click Next to Setup Wizard.	pacedesk Windov continue or Canci	vs DRIVEI el to exit	R on the
spacedesk				
	Back	Next	Can	cel

# spacedesk Windows DRIVER Setup	_		×
End-User License Agreement Please read the following license agreement carefully	spa	ce <b>des</b> l	
<ul> <li>anything related to the software, services on third party Internet sites, or third part</li> <li>claims for breach of contract, breach of v condition, strict liability, negligence, or o permitted by applicable law.</li> <li>It also applies even if datronicsoft knew or should possibility of the damages. The above limitation o to you because your country may not allow the exe incidental, consequential or other damages.</li> </ul>	, content (includ y programs; and varranty, guaran other tort to the e have known abo r exclusion may clusion or limita	ing code) tee or xtent out the not apply tion of	~
$\ensuremath{\boxtimes}$ I accept the terms in the License Agreement			
Print Back	Next	Cano	el

## Step 4 (On your Eyegaze Edge<sup>®</sup>)

Leave the default save. Select "Next". Make sure "Add an exception to the Windows firewall for spacedesk". Select "Next".

🕼 spacedesk Windows DRIVER Setup			_		×
Destination Folder Click Next to install or click Change to choose and	ther.	S	pace	edesl	<b>_</b> ])
Install spacedesk Windows DRIVER to:					
C:\Program Files\datronicsoft\spacedesk\ Change					
E	ack	Next		Cano	el

🕼 spacedesk Windows DRIVER Setup	_		$\times$
Firewall Configuration Add a spacedesk firewall exception	spac	e <b>des</b> l	,]) K
An exception must be added to the firewall to enable users to conne- attempt to add this exception, or you can configure the firewall your	ct. spaceo self.	desk can	
$\checkmark$ Add an exception to the Windows firewall for spacedesk			
IMPORTANT: If you are using a third-party firewall software or using firewall settings, you may need to manually allow 'spacedeskService. settings in order to connect properly.	i an anti v exe' in th	rirus with e firewall	
Please refer to the spacedesk documentation for complete details.			
Back Nex	ĸt	Cano	:el

## Step 5 (On your Eyegaze Edge<sup>®</sup>)

Select "Install". You will see installation progress window. Wait until it's complete.

d spacedesk Windows DRIVER Setup	_		×
Ready to install spacedesk Windows DRIVER	spac	edes	<b>k</b> ──〕〕
Click Install to begin the installation. Click Back to review or cha installation settings. Click Cancel to exit the wizard.	ange any of yo	bur	
Back	nstall	Can	cel

🕼 spacedesk Windows DRIVER Setup	-	-		×
Installing spacedesk Windows DRIVER	sp	ace	lesk	
Please wait while the Setup Wizard installs spacedesk Wind	dows DRIVER.			
Status:				
Back	Next		Cance	el

## Step 6 (On your Eyegaze Edge<sup>®</sup>)

Hit "Finished". On your desktop, navigate to the **bottom right** of your screen. Select the up arrow. You will now see the SpaceDesk icon. You have now successfully installed SpaceDesk on your Eyegaze Edge<sup>®</sup>.

🛃 spacedesk Windows DRIVE	R Setup	<u>17-</u> 11		×
	Completed the sp DRIVER Setup W	oacedesk Wind Iizard	ows	
	Click the Finish button to	exit the Setup Wizard	ł.	
space <b>desk</b>				
	Back	Finish	Can	cel



## Step 7 (On your phone)

**Skip to step 13 if your Android is already setup.** Power the phone on, choose preferred language and select "OK". Select "Next"



#### Step 8 (On your phone)

Make sure to connect to the same Wi-Fi your Eyegaze Edge® is connected to.



## Step 9 (On your phone)

Select the proper date & time. Hit "Next". Enable "Use location". Hit "Accept". Disable usage and diagnostic data, select "Accept".

	at 🛱	ũ h.	ā la.
ē		G	Device maintenance
Date & time Adjust if needed.		Google Services Tap to learn more about each service, such as how to turn it on or off later. Data will be used	O Send usage and diagnostic data Help improve your Android device experience by automatically sending diagnostic, device, and
Pacific Daylight Time GMT-07:00	~	Location	app usage data to Google. This will help battery life, system and app stability, and other improvements. Some aggregate data will also help Google apps and partners, such as Android
Sat, Aug 8, 2020	~	♥ Use location ➤ Allow apps and services with location permission to use your device's location.	developers, If your additional Web & App Activity setting is turned on, this data may be saved to your Google Account.
8:48 PM		Google may collect location data periodically and use this data in an anonymous way to improve location accuracy and location-based services.	Install updates & apps ~ By continuing, you agree that this device may also automatically download and install updates and apps from Google, your carrier, and your device's manufacturer, possibly using
		<ul> <li>♀ Allow scanning ∨</li> <li>Allow apps and services to scan for Wi-Fi networks and nearby devices at any time, even when</li> </ul>	cellular data. Some of these apps may offer in-app purchases.
		Wi-Fi or Bluetooth is off.	Terms of Service. You also confirm your selection of these Google services settings. Note: The Google Privacy Policy describes how data is handled when using Google services.
	Next	Accept	Accept
<		<	<

## Step 10 (On your phone)

If desired, create a password for your device. Otherwise, select "Skip" and then hit "Skip anyway".

۵۵.	۵ In.
<b>6</b>	<b>∂</b>
Protect your phone Prevent others from using this phone without your permission by activating device protection features.	Protect your phone Prevent others from using this phone without your permission by activating device protection features.
Face recognition	Face recognition
Fingerprints	Fingerprints
Pattern	Pattern
PIN	PIN
Password	Password
	Skip protecting your phone? Device protection features will not be activated. You won't be able to prevent others from using this phone if it's lost, stolen or wiped.
Skip	Go back Skip anyway
<	<

## Step 11 (On your Eyegaze Edge<sup>®</sup>)

Press "Skip" in the lower left corner of the screen or sign into your Samsung account. You've now successfully setup your phone.



## Step 12 (On your phone)

Launch the "Play Store" app, and sign into your account or create a new one.



## Step 13 (on your phone)

Launch the "Play Store" app, select the search bar, and type "spacedesk". Once you find the app, select "Install".







## Step 14 (on your phone)

On the home screen, swipe down then swipe right until you see "spacedesk" then press and hold until you see the app menu pop up. Select "Add to home". You now have "spacedesk" on your phone's home screen.



## Step 15 (on your phone)

Select the spacedesk app on your home screen. Press "OK" on the pop-up window. Then select the 3 dots in the upper right corner of the screen. A drop-down menu will appear. Select "Settings".



#### Step 16 (on your phone)

In the "Resolution" tab, select "Use native android device resolution". In the "Rotation" tab uncheck "Auto-rotation". In the "Connection" tab enable "auto-reconnect".



## Step 16 (On your Eyegaze Edge<sup>®</sup>)

In the bottom right of your screen, select the up arrow and then select the Wi-Fi icon to open Wi-Fi settings. Ensure you are connected to the same network as your phone.



## Step 18 (on your phone)

Launch the SpaceDesk. You should now see your Eyegaze Edge<sup>®</sup> appear. Select the "connection" box. Your phone should now be paired.



#### Finished!

You have now successfully paired your iPhone to your Eyegaze  $Edge^{\circledast}$  to access Partner Display<sup>TM</sup>.



## Troubleshooting Tip #1 (On your Eyegaze Edge<sup>®</sup>)

Sometimes, the settings get reset. If your screen is not extended, right click on your desktop, select "display settings. Settings window will appear. Scroll down until you find the "Multiple display" section. Select the drop-down tab and select "Extend these displays".

	Settings	- 🗆 X
Image: Second Control Contrecontrol Control Control Control Control Control Control C		Display Display resolution
Design         Design <thdesign< th=""> <thdesign< th=""> <thdesign< th="" th<=""><th>System</th><th>3000 × 2000 (Recommended) V</th></thdesign<></thdesign<></thdesign<>	System	3000 × 2000 (Recommended) V
Widew Gui 3 Gai 1 Projeko	Display	Display orientation           Landscape
** 0. 0 a t	ላ» Sound	Rotation lock
Strate The	Notifications & actions	On On
Pert Pert Stomat Data Pert Pert Pert Pert Pert Pert Pert Pert		Multiple displays
Kinghi Guphics Settings	( <sup>1</sup> ) Power & sleep	Multiple displays
Terger New > Cbgr New States States = States	Battery	Duplicate these displays
		Characteristics displays
📮 🔑 Tyan here to search 🧕 📮 🦂 👫 😐 🔷 🔨 👘 👘 🗤 🗘	🗅 Storage	Snow only on I
	문 Tablet mode	Show only on 2
	」 対 Multitasking	
	Projecting to this PC	Sleep better
	X Shared experiences	Night light can help you get to sleep by displaying warmer colors at night. Select Night light settings to set things up.

#### Troubleshooting Tip #2 (On your Eyegaze Edge<sup>®</sup>)

In display settings, ensure you select screen 2 (your phone), then scroll down and make sure "Landscape" is selected under display orientation.

