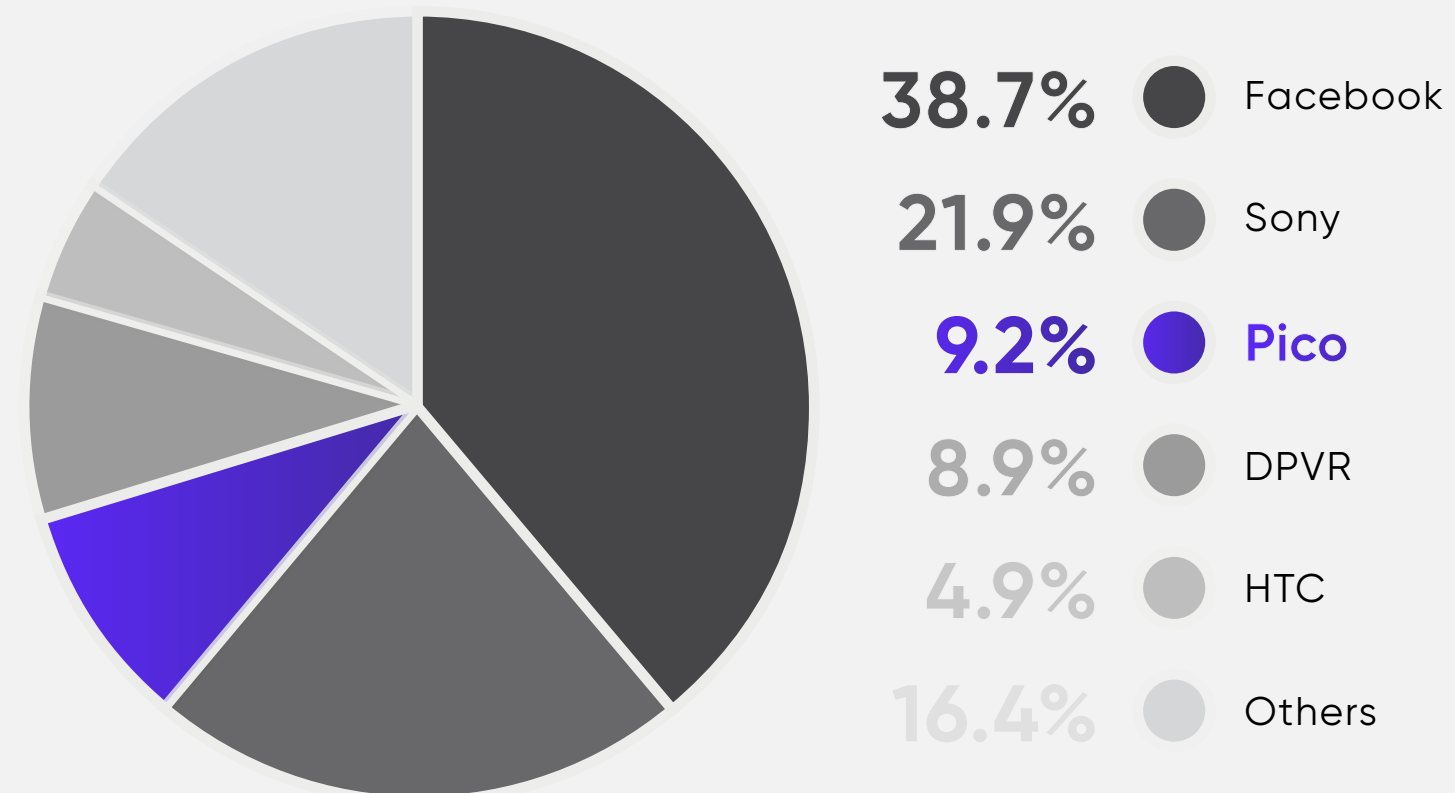




 Pico

Best-in-class. Built for Business.

Founded in 2015 Pico has expanded from a China domestic VR company into an international enterprise VR solution provider. Pico's flexible approach to business, AAA developer support, and global distribution are unique among all VR hardware companies. Pico was the first company to design an all-in-one VR device and the first to offer a standalone VR HMD. Pico enterprise partners deploy solutions in medical, training, collaboration, presentation, marketing, and out-of-home entertainment.



Worldwide Headset Market Share 2020 Q2 (Consumer + Enterprise)

Source: IDC [↗](#)



Sales

+100k enterprise devices sold in 2020 (B2B and Operator)

Tech Leadership

258 patents approved in China and 24 in the US.
Another 277 patent applications accepted and under evaluation in China, 13 in the US and 12 by PCT.



Current Pico Products

pico G2 4k



HEAD 3 DoF
 CONTROLLER One 3 DoF
 LAUNCH MONTH March 2019
 REPLACEMENT PARTS Controller, Foam Mask, Silicon Straps, Battery

DEVICE FEATURES

Display	Processor	Storage	RAM
4K	835	64	4

pico G2 4k enterprise



HEAD 3 DoF
 CONTROLLER One 3 DoF
 LAUNCH MONTH July 2020
 REPLACEMENT PARTS Controller, Foam Mask, Silicon Straps, Battery

DEVICE FEATURES

Display	Processor	Storage	RAM
4K	835	128	6

pico neo2



HEAD 6 DoF
 CONTROLLER Two 6 DoF
 LAUNCH MONTH May 2020
 REPLACEMENT PARTS Pair Controllers, Foam Mask

DEVICE FEATURES

Display	Processor	Storage	RAM
4K	845	128	6

pico neo2 eye



HEAD 6 DoF
 CONTROLLER Two 6 DoF
 LAUNCH MONTH June 2020
 REPLACEMENT PARTS Pair Controllers, Foam Mask

DEVICE FEATURES

Display	Processor	Storage	RAM
4K	845	128	6



pico G2 4k

The best display currently available in a 3 DoF all-in-one form factor, the Pico G2 4K enhances the G2's revolutionary design with added clarity for video centric businesses and projects. See more details and vivid colors when you use the G2 4K.

Specs

DISPLAY	4K Resolution, 101 FOV, 75Hz refresh rate
COMPONENTS	835 Snapdragon, 64GB Storage, 4GB RAM, SD card slot
CONNECTION	BT 4.2, Wifi b/g/n/ac (supports Miracast)
DESIGN	Serviceable Battery, Unique battery placement
DEVELOPER	Android 8.1, Pico SDK (Unity, Unreal, Native Android), Wave SDK
CONTENT	Pico Store, Firefox Reality Browser (WebXR)



pico G2 enterprise

The G2 4K Enterprise is designed for partners who are using VR for demanding applications and in the most stringent environments. From medical quality materials, an improved 16 MP single RGB camera, and 128GB storage; this is the most advanced 3 DoF HMD ever created.

Specs

DISPLAY	4K Resolution, 101 FOV, 75Hz refresh rate
COMPONENTS	835 Snapdragon, 128GB Storage, 6GB RAM, SD Card Slot
CONNECTION	BT 4.2, WIFI b/g/n/ac (supports Miracast)
DESIGN	Serviceable Battery, Unique Battery Placement, Hygiene Materials, 16 MP Single RGB Camera
DEVELOPER	Android 8.1, Pico SDK (Unity, Unreal, Native Android), Wave SDK
CONTENT	Pico Store, Firefox Reality Browser (WebXR)



pico neo2

Introducing the hygienically designed Neo 2 headsets with best in class 4K resolution, comfort, and enterprise functionality: 6 degrees of freedom, occlusion free controllers, PC streaming, and integrated speakers. Our latest headset is built with business in mind.

Specs

DISPLAY	4K Resolution, 101 FOV, 75Hz refresh rate
COMPONENTS	845 Snapdragon, 128GB Storage, 6GB RAM, SD Card Slot
CONNECTION	BT 5, WIFI b/g/n/ac (supports Miracast), PC Streaming
DESIGN	All Silicone & PU Materials, Unique Battery, Easily Adjustable Strap
DEVELOPER	Android 8.1, Pico SDK (Unity, Unreal, Native Android)
CONTENT	Pico Store, Firefox Reality Browser (WebXR)



pico neo2 eye

Neo 2 Eye, with integrated Tobii eye tracking, delivers a deeper understanding of customer behavior, enhanced training efficiency, and improved productivity. In addition, Tobii Spotlight Technology™ enables foveated rendering, which allows complex shading with consistent and high frame rate, as well as battery performance improvements.

Specs

DISPLAY	4K Resolution, 101 FOV, 75Hz refresh rate
COMPONENTS	845 Snapdragon, 128GB Storage, 6GB RAM, SD Card Slot
CONNECTION	BT 5, WIFI b/g/n/ac (supports Miracast), PC Streaming
DESIGN	All Silicone & PU Materials, Unique Battery, Easily Adjustable Strap, Tobii Eye Tracking
DEVELOPER	Android 8.1, Pico SDK (Unity, Unreal, Native Android)
CONTENT	Pico Store, Firefox Reality Browser (WebXR)

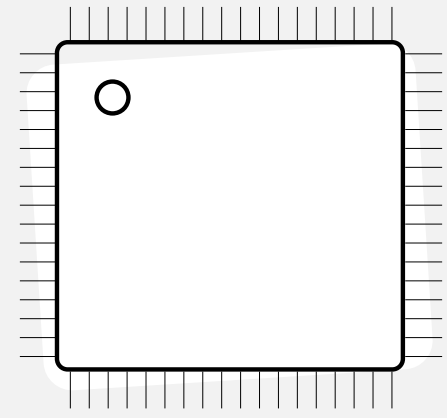




Introducing the **pico neo3**

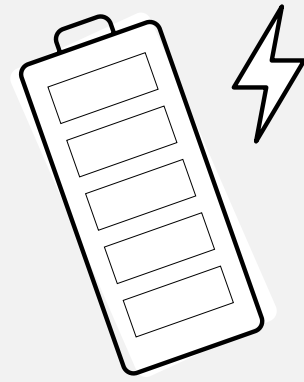


pico neo3 : Key Features



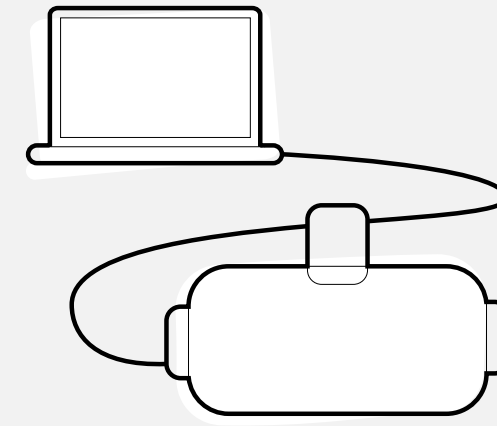
XR2 Processor

Qualcomm 865, Kryo 585, 8 cores
64 bit, 2.8Ghz, 7nm



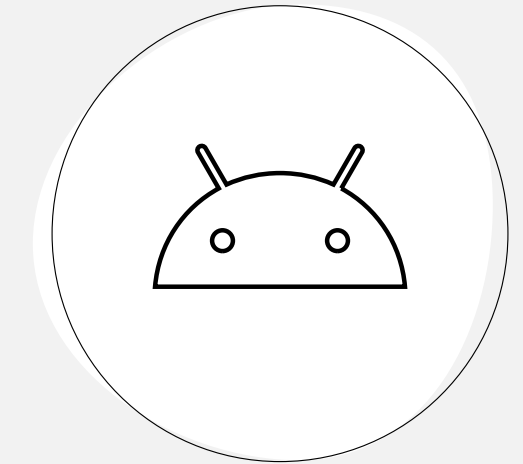
Larger Battery

5300 Ma for 3+ hours operation



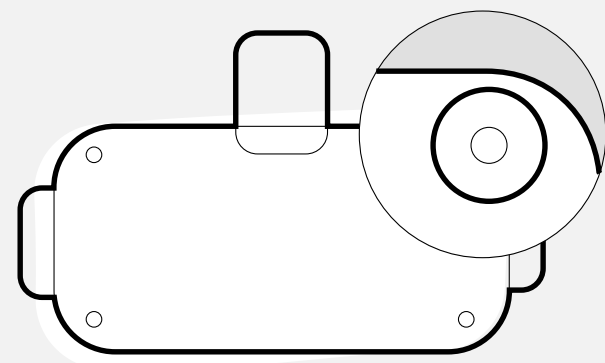
Improved PC

DisplayPort cable or
Wifi 6 wireless



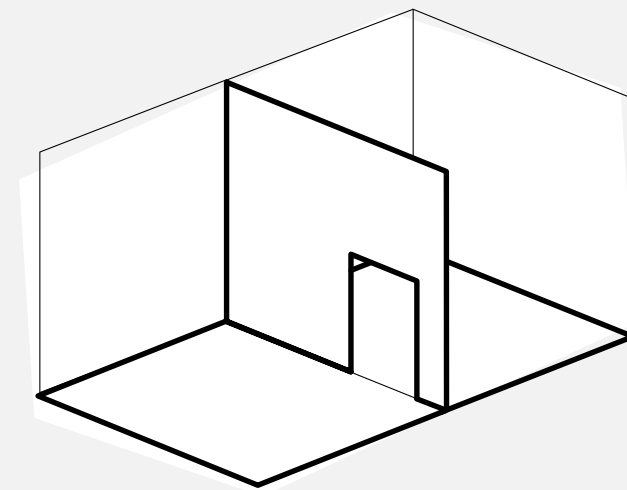
Android 10

New system functionality



4 Mono Cameras

Head tracking stability
and accuracy



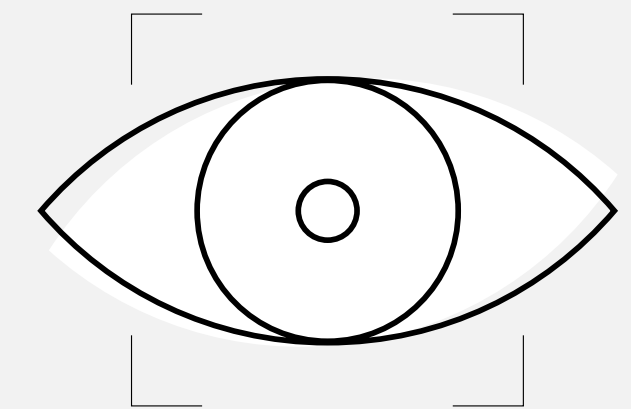
Advanced Guardian

Multi-room and shared device
mapping support



Hand Tracking

Low-level algorithm access
and information



Eye Tracking

Eye tracking available with
premium model



pico neo3

Featuring the XR2 processor and an open development architecture, the Pico Neo 3 is built with business in mind. Now with optical controllers, a four-camera design, and support for all major development engines, Pico Neo 3 is the premier headset for content creators. In addition, we have bolstered our business services and doubled down on hygiene to ensure our devices are able to operate in all environments.

Specs

DISPLAY	4K Resolution, 101 FOV, 72/90 Hz Refresh
COMPONENTS	XR2, 128/256 GB Storage, 6 GB RAM
CONNECTION	BT 5.0, Wifi 6 (802.11 ax), Wired DP + Wifi PC Streaming
DESIGN	Serviceable Battery, Hygienic Materials, 2 Optical Controllers
DEVELOPER	Android 10, Pico SDK (Unity, Unity XR, Unreal, OpenXR)
CONTENT	Pico Store for Application Distribution



Pico SDK Roadmap

Date	Function	Unity	UnityXR	Unreal	OpenXR	Metric Tool
February 2021	Add support for Neo 3	2.8.8	1.1	1.2.4	1.0	x
	User entitlement check	2.8.8	1.1	1.2.4	x	
	System-level foveated rendering	2.8.8	1.1	1.2.4	x	
	GPU and CPU level APIs	2.8.8	1.1	1.2.4	x	
	Device APIs (enterprise service)	√	1.1	1.2.4	x	
	Basic Vulkan Support	x	x	x	1.0	
	Overlay (OpenGL ES)	√	1.1	√	x	
	Game engine update planned	Yes	Yes	Yes	Yes	
	Target game engine	2018.4-2020.2	2019.4-2020.2	4.24-4.26 (preview)	OpenXR 1.0.12	
March 2021	Higher resolution seethrough backdrop for Neo 3	2.8.9	1.2	1.2.5	-	x
April/May 2021	Quick build and run	-	2.0	-	-	1.0
	Basic Vulkan Support	-	2.0	2.0	-	
	Vulkan Support (overlay)	-	x	2.0	-	
	Neo 3 Vulkan (FFR, singlepass)	-	2.0	2.0	-	
	Game engine update planned	-	Depends on Unity plan	Depends on UE plan	-	
	Target game engine	-	TBD	TBD	-	
July/August 2021	Scene quick preview	-	2.1	-	-	1.1
	Platform solution (maybe earlier)	-	2.1	2.1	-	
	Hand tracking	-	2.1	2.1	1.0.1	
	Neo 3 Vulkan (overlay)	-	2.1	√	1.0.1	
	Overlay (OpenGL ES)	-	√	√	1.0.1	
	Game engine update planned	-	Depends on Unity plan	Depends on UE plan	Yes	
	Target game engine	-	TBD	TBD	OpenXR 1.0.13	

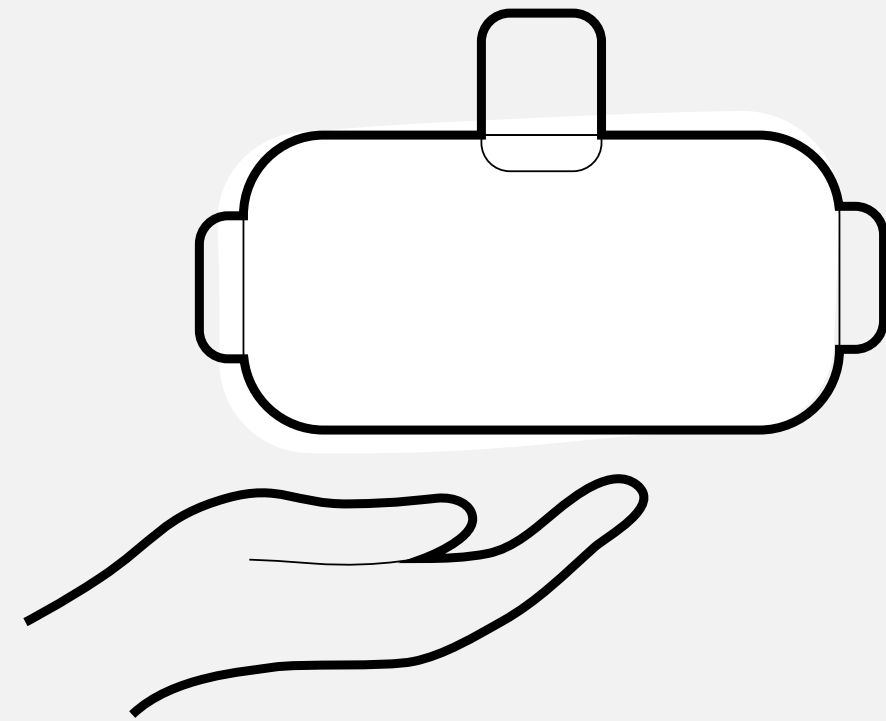
√ is supported; x is not yet supported; - is no plan



 Pico
Business Service



Working with Pico

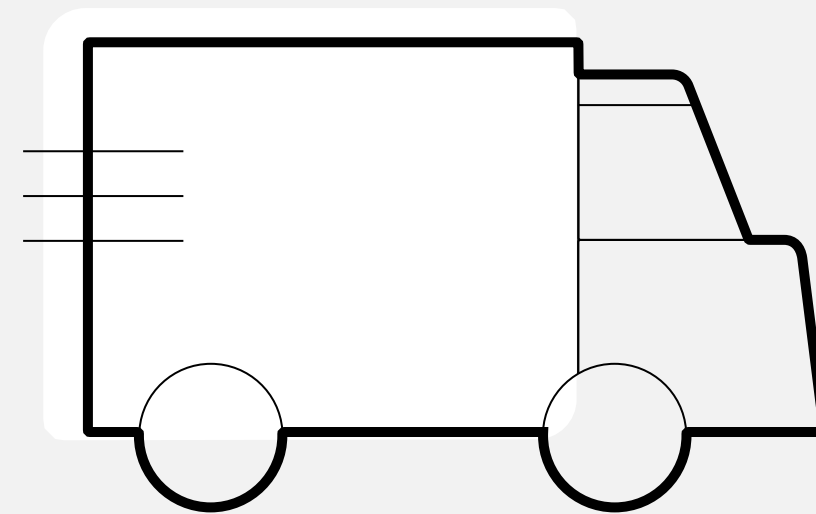


Evaluation

6-week loan for any interested partner;
purchase or return at end.

Dedicated technical support,
documentation, and example code
during loan process.

Convert existing standalone VR project
in approximately 40 hours.

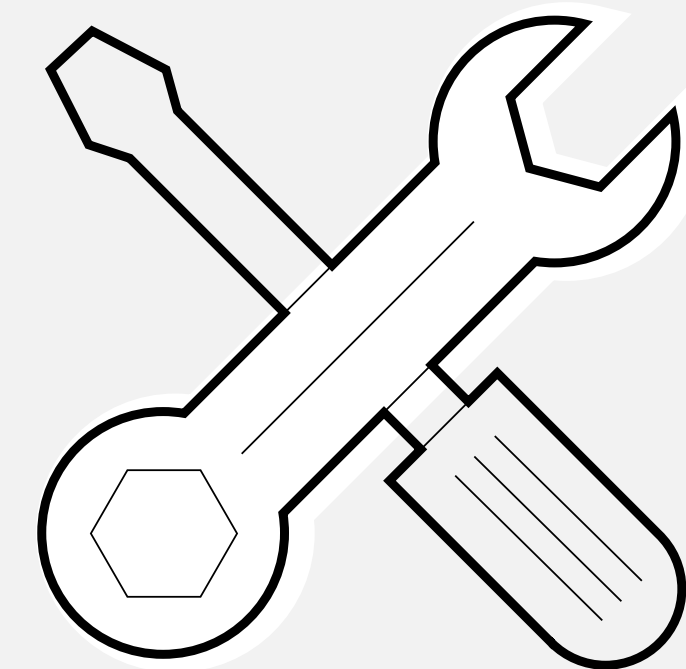


Custom Projects

Local inventory with quick delivery for
orders under 100 devices.

Kiosk mode and other enterprise
features to support device setup
for ease of use.

Pico store APK hosting; dedicated store
section for non-gaming applications.



Large Deployments

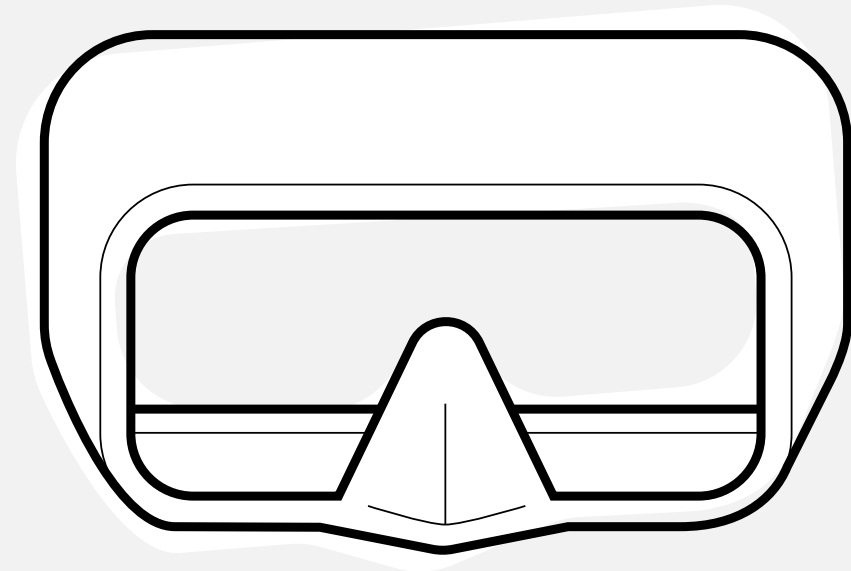
Customization and pre-installed
applications during manufacturing
process in China.

Pico can develop a custom ROM to
enable OTA updates.

We can facilitate custom branding and
other marketing assets.



New Pico Initiatives



Hygiene Solutions

We are offering two new bundles that increase hygiene for our current devices:

FOAM MASK BUNDLE

2 Double PU Foam Masks, ~40% below the standard price, for Neo 2 and G2 4K devices

G2 4K UPGRADE

1 Double PU Foam Mask and 1 Silicone Strap, ~30% below the standard price, for all G2 4K devices



Pico Data Privacy Guarantee

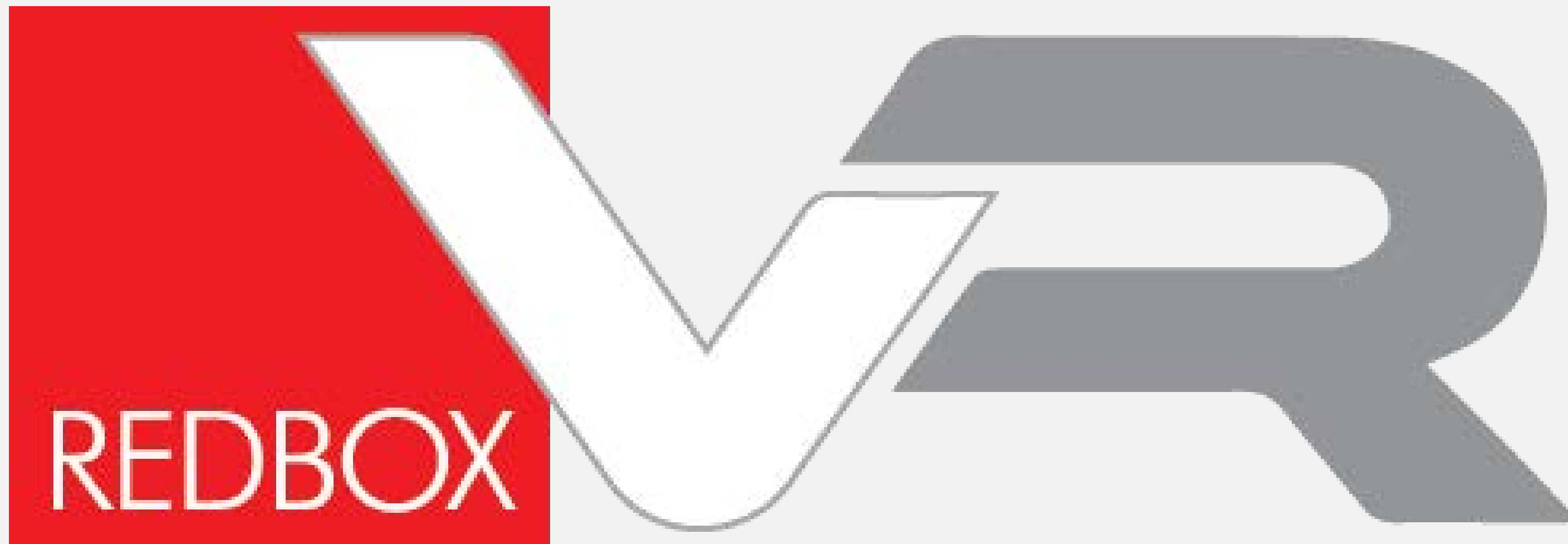
Pico is committed to protecting our user data through the following activities:

No user account required to use the device;
no collection or transmission of 6 DoF data

Only data collected by our headset is when user accesses the store to make purchase or other transactions

Compliance with US regulations regarding restricted Chinese based technology companies





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