



Group Augmented Reality App

Interactive immersive technology for today's activities for tomorrow's vision.

Android App for Epson Moverio Smart Glasses



Groups Augmented Reality

One Experience to Multiple Users

PORECT is the industry leader in Group Augmented Reality, which is a technology that superimposes a computer-generated image on multiple user's view of the real world, thus providing a composite view.



Tourism



Experience fossils and images of older times as a group, and unlock a shared sense of adventure. Smartglasses provide hands-free operation, which allow tours to proceed smoothly.

Events



Subtitled descriptions that explain the game to beginners and videos filmed from the perspective of the head coach let sports fans of all levels gain new insights into the game. And because smartglasses are wearable, they can provide an exciting experience anywhere.

Corporate



Whether it's a tour of your clean rooms or a close-up look at your internal machinery, you can give your guests an immersive tour that takes them to places they could never see in real time. Smart glasses do not impair visibility, so there's no need to arrange for a "safe-area" like there is when using VR goggles.



Photos and Videos

You can use existing pictures and videos as PORECT content.

Microsoft® PowerPoint® Support

You can use Microsoft® PowerPoint® to create quality content.

*The included Content Creation Guide teaches you how to do it, and the included sample data CD-ROM provides great design elements you can use.

360° Video

You can use a RICOH THETA camera to create immersive content captured in 360°.

*360° content can only be played back. It cannot be edited.



* The term "Group Augmented Reality" used here refers to the broadcasting of Augmented Reality content to multiple devices simultaneously.

PORECT Package Overview

PORECT is an Augmented Reality app that can stream content simultaneously to multiple smartglasses devices over Wi-Fi. The PORECT package contains the following items.

- Broadcast system (broadcaster app, receiver app)
- Content Creation Guide (booklet)
- Operation Manual (booklet)
- Sample data (CD-ROM)

The Content Creation Guide explains how to use Microsoft PowerPoint to create video content.

The sample data CD-ROM contains sample design elements that are used in the examples found in the Content Creation Guide. The following devices are also needed to implement the PORECT system and must be procured separately.

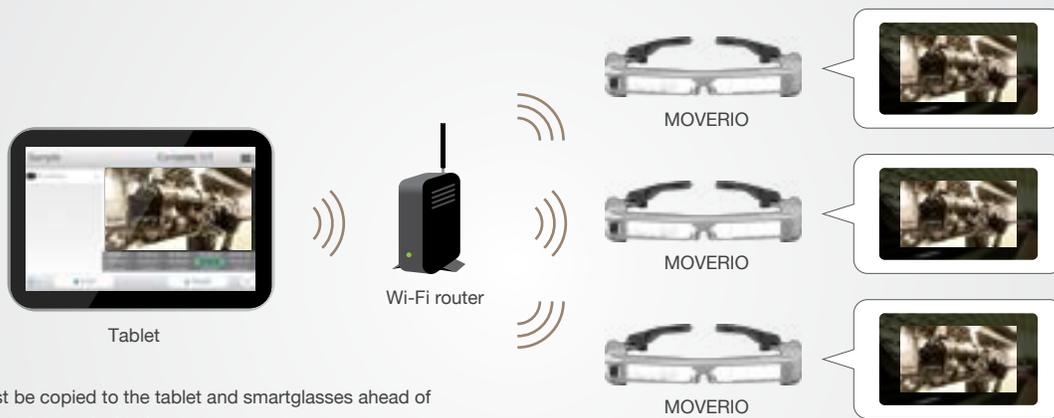
- Compatible smartglasses
- Android tablet
- Portable Wi-Fi router

For information about these requirements for these devices, refer to System Requirements.

PORECT System Composition

Content is viewed using smart glasses, and playback is controlled using a tablet.

The tablet and smart glasses must be connected to the same Wi-Fi router.



* Content must be copied to the tablet and smartglasses ahead of time in order to be used with the system.

System Requirements

Compatible smart glasses	Epson MOVERIO BT-300/350
Compatible tablets	Android™ 5.0/5.1/6.0/7.0 tablet with 1280×800 pixel display, 2GB or more RAM, 7-inch screen or larger recommended
Required hardware	Portable Wi-Fi router (SIM card not required)
Compatible 360° camera	RICOH THETA
Compatible content formats	MP4 (video), JPEG (still pictures)

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