

3D Glasses



The hardware listed here does not represent a comprehensive or exclusive selection. It is an example of systems for which we have user feedback that may also be of interest to other users. It is not a recommendation to buy or a product review.

OnyxCeph³™ supports different hardware for autostereoscopic rendering of 3D content - see also settings to [View_Mirror](#) and [stereoscopy](#)

Shutter Glasses

XpanD X105 3D



Compatibility with all screens that can play 3D-ready content at a refresh rate of 120 hertz. The X105 has also proven itself in 3D cinemas that do not rely on polarizing filter glasses but on XpanD technology.

Die Xpand 3D-Brillen X105 Lite RF sind mit jedem 3D-Gerät kompatibel, welche mit dem Logo von Full-HD oder 3D-kompatibel und mit internen oder externen Radiofrequenz (z. B. Bluetooth ®) Emitter ausgestattet sind.

CAUTION: Not suitable for Nvidia Vision 3D!

To ensure that the wearer's eyes perceive only the appropriate image of the stereoscopic display, the two LCD lenses of the glasses are alternately darkened. XpanD calls the LCD lenses "pi-cell" and guarantees particularly fast shutter speeds. The fast shutter speeds and the resulting perfect channel separation are intended to prevent ghosting effects, i.e. overlapping of the stereoscopic half-images.

Image and glasses are synchronized via an infrared transmitter. The glasses have a diagonal of 2.2 inches (57 millimeters), the glasses themselves weigh just under 60 grams and are powered by rechargeable batteries (via USB cable). To save energy, you can turn the 3D glasses on and off again on the frame.

Sync-Method: Radio frequency-(RF)

Smart Glasses

Epson Moverio BT-35E



Semi-transparent Si-OLED display; FoV 23°;

Moverio BT-35E main features:

- Epson Si-OLED-Display
- FoV 23°
- 40 inch at 2.5m - 320 inch at 20m projection size
- 24 bit color
- refresh rate 30 Hz
- HD resolution 1280 x 720p x RGB
- 5-Mpx camera Integrated sensors, including a gyroscope, accelerometer, compass and ambient light sensors
- Interface module with HDMI and USB-C connectivity.
- Compact and lightweight design
- Support for 3D content (side-by-side format).
- Lanyard for the box to keep hands free
- Nose pad for use over glasses
- Adjustable temples for more comfort - adaptable to different head sizes, usable for glasses wearers

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Last update: **2022/11/30 14:14**

