

## EDGE<sup>VR</sup>

IR & RF 3D glasses for Virtual Reality



IR Target for EDGE  
(Accessory sold separately)

### The perfect glasses for your Virtual Reality system

- The best lenses in the world for accurate colorimetry: Enhanced contrast (> 940: 1) and a high rate of residual light (18.6%)
- Radio-Frequency (RF) link with simulation computer: Monitoring, real-time remote control
- Follows head movement through «head-tracker» targets specifically designed for the glasses
- Toggle between different functions with a three-position switch
- Universal IR mode, compatible with most standard IR protocols



## PERFORMANCE

### Recommended installation

Display type	Any
Projection screen	White - gain 1.0 / 1.2 / ...
Compatible IR emitters	Most 3D IR emitters
Compatible RF emitters	Volfoini RF emitters

### Performance

Optical transmission	38%
Stereoscopic contrast	>940:1
Field of vision (H, V)	170° - 115°

## COMPATIBILITY

### 3D projectors

DCI*	Yes
DLP	Yes
3xDLP	Yes
DILA (JVC™, DreamVision™, Wolf Cinema™)	Yes
SXRD (Sony™, Mitsubishi™...)	Yes
3xLCD (Epson™, Panasonic™...)	Yes

### 3D Flat Screens

Plasma	Yes
3DTV LCD/LED	Yes (optimal)
Screen and PC 3D LCD	Yes (no optimal)
DLP Television	Yes
Passive 3D screen	No

### 3D Protocols

3D Cinema (IR)	Yes
HomeCinema 3D(DLP-Link)	No
Universal 3DTV (IR)	Yes
Universal 3D Computer (IR)	Yes
Volfoini 3D (RF)	Yes
Bluetooth	No

### Frame Rates

96 Hz HFR & Home Cinema 3D	Yes
120 Hz Sport HFR & 3D-Ready™	Yes
144 Hz Triple Flash 3D Cinema	Yes
192 Hz HFR Full Rate	Yes
240 Hz	Yes
Dual View Mode	Yes

## SPECIFICATIONS

### Optical

Liquid crystal type	STN
Lenses size	55 x 31mm (2.1 x 1.2 in)
Residual light (LEF)	18.6%
Transition (90%)	1300µs

### Power

Supply	Li-Ion 120mAh or 5V USB
Autonomy	40H (auto OFF)

### Certification

CE	Yes
ROHS	Yes

### Synchronization link

Radio-Frequency	2.4 GHz
Infra-red	850 and 940 nm

### Logistic

Operating temperature	From 0°C to 40°C
Storing temperature	From -5°C to 50°C
Relative humidity	From 20% to 80%
Dimensions (L x W x H)	180 x 160x 45 mm
Weight	56 g (1.95 oz)
Warranty	1 year

## PACKAGING

### Composition

Pair of glasses
MicroUSB cable
removable arms (S, M, L)
Microfiber cleaning wipes
User guide

### Optional Accessories

Distribution bag (holds about 80 glasses)
Recharge station for up to 40 glasses
Antibacterial cleaning wipes

### Weight and Dimensions

Packaging dimensions (L x W x H)	200 x 115 x 75mm (7.87 x 4.52 x 2.95in)
Packaging weight	180 g (6.3 oz)
Order reference	VPEG-05000

\* Barco™, Christie™, Cinemeccanica™, Kinoton™, NEC™



www.volfoini.com

**VOLFONI**  
CREATIVE 3D TECHNOLOGY