

EDGE^{VR}

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
220 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