

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 (18.5%)
- Radio-Frequency (RF) link with simulation computer: Monitoring, real-time remote control and 3DoF accelerometer
- 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) | 18.5% |
| 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