

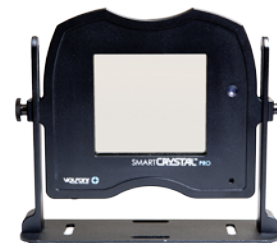
SMARTCRYSTAL^{PRO}

Polarization modulator for passive 3D



Cinema-quality 3D for everyone

- Only one projector needed to enjoy passive 3D
- Crisp and bright images using proprietary «Surface-Switching» technology
- Uses passive 3D glasses, just like at the movies! Volfoni passive glasses weigh less than an ounce (23g)
- Easy set-up with any DLP 3D-ready projector
- Uses SmartCrystal™ technology, approved by major Hollywood studios
- Wire synchronization possible with standard VESA-DIN3 output



PERFORMANCE

Recommended installation

Number of seats	10 to 50
Projector type	DLP- 3D Ready
Maximum lamp power	Up to 5000 lumens
Screen	Silver (metallic)*
Compatible glasses	Passive glasses/clip-on (circular polarization)

Performance

Optical transmission	42% DLP
Stereoscopic contrast	100:1
Technology	«Surface Switching»

COMPATIBILITY

3D projectors

DLP	Yes
DILA (JVC, DreamVision, Wolf Cinema)	No
SXRD (Sony, Mitsubishi...)	No
3xLCD (Epson, Panasonic...)	No
Short focal length	No

3D sources

VESA DIN-3	Yes
BNC	Yes
Jack (Panasonic)	Yes (cable optional)
RJ45 (Epson)	Yes (conversion box optional)

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 Dual Flash HFR	No
Dual View Mode	Yes**

* 2.4 minimum gain

** Dual View glasses needed

SPECIFICATIONS

Optical

Active surface size	74 x 68 (2.9x2.6'')
Residual light (LEF)	16%
Dark time (90% Transition)	1200µs

Power

Supply	5 - 12V VESA
Consumption	<100mA DC

Certification

ROHS	Yes
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Logistics

Operating temperature	+10°C to +50°C (50°F to 122°F)
Storage temperature	-5°C to +50°C (23°F to 122°F)
Relative humidity	20% to 80%
Product dimensions (L x W x H)	175 x 50 x 150mm (6.88x1.96x5.9in)
Product weight	500 g (17.63 oz)
Warranty	1 year

PACKAGING

Composition

SmartCrystal™ Pro
VESA synchronization cable
5 premium circular-polarized passive glasses
Power cable
µUSB cable (maintenance only)
Universal adapter (110-240V)
Microfiber cleaning cloth
User guide

Accessories (optional)

Premium passive glasses
Standard passive glasses

Weight and Dimensions

Packaging dimensions (L x W x H)	490 x 195 x 65mm (19.29x7.67x2.55in)
Packaging weight	1487g (52.45 oz)
Order reference	VBSP-01000



www.volfoni.com

