

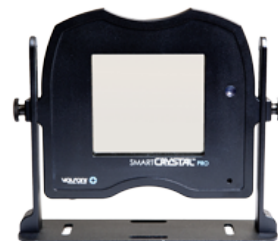
SMART CRYSTAL PRO

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 (métallic)*
Compatible glasses	Passive glasses/clip-on (circular polarization)

Performance

Optical transmission	16% DLP
Stereoscopic contrast	1:100
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 optiona)
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



3D sync input (Jack 3.5mm)

µUSB for update

Remote out (Jack 2.5)

SPECIFICATIONS

Optical

Residual light (LEF)	16%
Dark time (90% Transition)	1200µs

Power

Supply	5 - 12V VESA
Consumption	<100mA DC

Certification

ROHS	Yes
------	-----

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 (LxWxH)	175x50x150mm (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 (LxWxH)	490x195x65mm (19.29x7.67x2.55in)
Packaging weight	1487g (52.45 oz)
Order reference	VBSP-01000

www.volfoni.com

