

# SMART CRYSTAL PRO

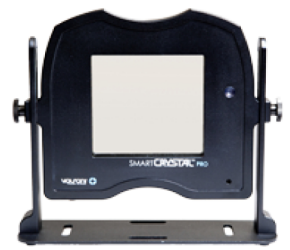
Polarization modulator for passive 3D



## 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

# SMART CRYSTAL PRO



## 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 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

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 (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



3D sync input (Jack 3.5mm)

µUSB for update  
Remote out (Jack 2.5)