Optoma

High Impact, Stunning Design

DLP
PICTURE BY
TEXAS INSTRUMENTS

COLOUR GUARANTEED
10
YEARS

Amazing brightness from a small, sleek & stylish design; the EP728 delivers stunning presentations and enticing video.

- 2600 lumens, suitable for rooms with bright ambient light conditions

- Native XGA and zoom lens for sharp, crisp images down to the finest detail

- Optoma Colour Enhancement Technology and 2200:1 contrast gives exceptional life-like colours to create crystal clear presentations and video

- Designer styling that's light, compact at 2kg and as versatile on the move as it is when installed

- **Optoma 10 Year Colour Guarantee***

- Digital and Analogue connectivity, capability includes: DVI, HDMI, 2 x VGA

- Long lamp life – up to 4000 hours for lower cost of ownership

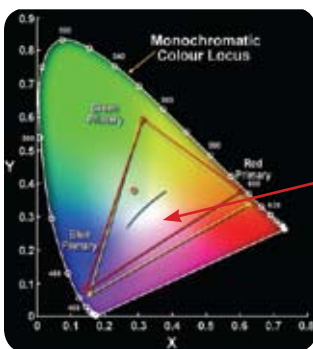- DLP® Filter-free design for zero maintenance – No routine servicing

Easy to use:

• Fully featured remote control with laser pointer and USB mouse control

• 5 preset picture modes to match a variety of different applications

• 15 second start-up and cool down time to reduce both time and money in energy use

• Quick keystone correction

- Extensive RS232 Command list for AV installations
- Auto power-off: saves power & increases lamp life
- Password Security for added protection

Optoma Colour Enhancement Technology maximises colour accuracy for deeper saturated colours

Optoma guarantees colour quality will remain as new for 10 years*

Optoma Colour Enhancement Technology

Specifications

	EP728
Native Resolution	XGA 1024 x 768
Compressed Resolution	SXGA+ (1400 x 1050)
Brightness	2600L
Contrast	2200:1
Noise Level	31/33dB (STD/BRIGHT mode)
Lamp Life	4000/3000 (STD/BRIGHT mode)**
Display Technology	Single 0.55" XGA type X DMD chip, DLP® Technology by Texas Instruments
Weight / Dimensions (W x D x H)	2 kg / 259 x 188 x 71.5mm
Remote Control	Full Function Remote Mouse with Laser and Direct Source selecting
INPUTS:	DVI-I (HDCP) — HDMI via adaptor / Component via adaptor / 2nd VGA via adaptor VGA In — Component via adaptor / SCART via adaptor S-Video — Composite via adaptor 3.5mm Stereo Jack, USB (remote mouse)
CONTROL	RS232 3 Pin Mini DIN
OUTPUTS:	VGA Out (monitor loop-through)
Audio	1 x 1W Speaker
Aspect Ratio	4:3 Native, 16:9 Compatible
Keystone Correction	± 18 Degrees Vertical
On Screen Display	16 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech & Arabic
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i
Uniformity	85%
Displayable Colours	16.7 Million
Projection Lens	F=2.41 ~ 2.55, f=21.79 ~ 23.99mm, 1.1x Manual Focus
Throw Ratio	1.95 ~ 2.15:1 (Projection Distance:Image Width)
Projection Distance	1.2 - 12m
Image Size	0.70 - 7.70m (27.49" - 303.12") Diagonal 4:3
Horizontal Scan Rate	15 - 100kHz
Vertical Scan Rate	43 - 85Hz
Power Supply	100-240V, 50-60Hz with PFC Power Supply
Power Consumption	280W Maximum < 10W Standby mode
Operating Conditions	Operating: 5 - 40 C, 80% Humidity (Max), 3000m Altitude (Max)
Security	One Kensington Lock Port, Password Protection
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, S-Video & Composite adaptor, USB Cable, Full Function Remote, Batteries x 2, Soft Carry Bag, Quick Start Guide, CD User Manual, Warranty Card, WEEE Card
RoHS	Compliant
Lamp Warranty	6 months or 1000 hours - whichever comes sooner
Warranty	Warranty may vary by country. Please see www.optomaeurope.com or ask your local supplier for details
Colour Guarantee	10 Years

EP728 Remote Control

1 Laser
2 Remote Mouse
3 Vertical Keystone Correction
4 Volume Control
5 Brightness Adjustment
6 AV Mute
7 Direct Input Source Selection

EP728 Connections

8 VGA Loop through
9 VGA In – Component & SCART via adaptor
10 DVI-I – HDMI and 2nd VGA via adaptor
11 S-Video - Composite via adaptor
12 Audio In
13 RS232
14 USB (remote mouse)

EP728 Projection Distance 1.2 - 12m (4:3 Aspect Ratio)							
Projection Distance (m)	Max. Horizontal Image size (m)	Min. Horizontal Image size (m)	Max. Screen Height (m)	Min. Screen Height (m)	Max. Diagonal Image Size (m)	Max. Diagonal Image Size (Inch)	Max. Image Offset (m)
1.20	0.62	0.56	0.46	0.42	0.77	30.31	0.07
2.00	1.03	0.93	0.77	0.70	1.28	50.52	0.12
2.50	1.28	1.16	0.96	0.87	1.60	63.15	0.14
3.00	1.54	1.40	1.16	1.05	1.92	75.78	0.17
4.00	2.05	1.86	1.54	1.40	2.57	101.04	0.23
5.00	2.56	2.33	1.93	1.75	3.21	126.30	0.29
6.00	3.08	2.79	2.31	2.10	3.85	151.56	0.35
7.00	3.59	3.26	2.70	2.45	4.49	176.82	0.40
8.00	4.10	3.72	3.08	2.80	5.13	202.08	0.46
9.00	4.62	4.19	3.47	3.15	5.77	227.34	0.52
10.00	5.13	4.65	3.86	3.50	6.42	252.60	0.58
11.00	5.64	5.12	4.24	3.85	7.06	277.86	0.64
12.00	6.15	5.58	4.63	4.20	7.70	303.12	0.69

For guide purposes only

EP728 is capable of 16:9 aspect ratio projection. When projecting a 16:9 image the image sizes, screen height and offset information will differ to that of above.