

EX785
DLP® Projector








Powerful performance

Powerful Installation Projector



The Optoma EX785 has almost limitless installation possibilities, its combination of high performance and brightness means it achieves perfect images in most environments. Using centre lens design, full lens shift and interchangeable lens options, the flexible and powerful EX785 is a truly versatile installation solution.

Boasting an astounding 5000 ANSI Lumens, perfect for conferencing facilities, large auditoriums, halls and bars, its true brilliance must be experienced. Meeting the highest standards of installation projectors, the EX785 creates seamless, smooth and radiantly bright corporate presentations, videos and movies.

-  High brightness projector, astonishing 5000 ANSI Lumens
-  Easy installation using lens shift. Centre lens design
-  Optional lenses for a range of room applications
-  Crestron RoomView® – RJ45 control and monitoring
-  Extensive Connectivity
-  Environmentally friendly design <1W standby mode
-  Optoma EX785 filter-free design – virtually no maintenance

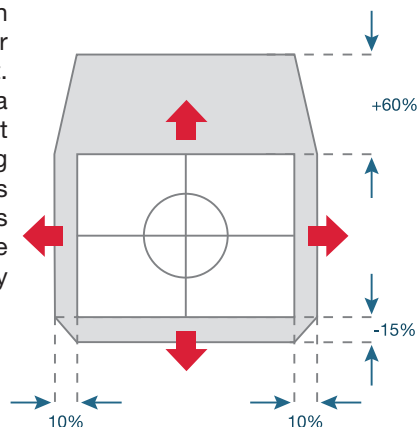


Spec	EX785
Brightness	5000 ANSI Lumens
Contrast Ratio	2000:1
Native Resolution	XGA 1024 x 768 support up to UXGA (1600 x 1200)
Noise Level	30 / 32dB (STD / BRIGHT mode)
Display Technology	0.7" XGA DLP® Technology by Texas Instruments
Aspect Ratio	4:3 Native, 16:9 Compatible
Keystone Correction	± 30° Vertical
Lens Shift Movement	Max.-15 to +60% Vertical, ± 10% Horizontal
INPUTS	HDMI (HDCP) Audio supported DVI-D (HDCP) HDMI via adaptor BNC (RGBHV / YPbPr) x 1 15 Pin D-Sub VGA SCART via adaptor x 2 Component Composite Video S-Video 3.5mm Mini Jack Audio computer inputs x 3 Stereo RCA Audio video inputs x 2 USB (remote mouse)
CONTROL	RS232 9 Pin D-Sub & RJ45 – Network Control
OUTPUT	VGA Out (monitor loop-through) Audio Out (Mini Jack) +12v Trigger x 2
Audio	3W Speaker x 2
Video Compatibility	PAL SECAM 625/576i/p, NTSC 525/480i/p, HD 720p/1080i/p
Uniformity	85%
Displayable Colors	1073 million
Dimensions (WxDxH)	416 x 324 x 143 mm
Weight	9 kg
Lamp Life	2000 / 1500 hours (STD / BRIGHT mode)
Power Supply	100 – 240V, 50 – 60Hz
Power Consumption	430W BRIGHT mode 390W STD mode (< 1W Standby mode)
Warranty	Warranty will vary by country. Please see www.optoma.com or ask your local supplier for details
RoHS	Compliant
3D Support	Video: 480i PC: 800x600, 1024x768, 1280x720 / Supports 120Hz playback only

*Optoma reserves the right to change this brochure without prior notice, please refer to www.optoma.com for any change

LENS SHIFT

The EX785 handles a variety of installation challenges that come with large halls, conferencing facilities, auditoriums and bars. Lens shift aligns the projected images centrally on screen and can be adjusted horizontally or vertically without moving the unit. LENS SHIFT The EX785 handles a variety of installation challenges that come with large halls, conferencing facilities, auditoriums and bars. Lens shift aligns the projected images centrally on screen and can be adjusted horizontally or vertically without moving the unit.



Optoma
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*Optoma guarantees that in normal use, Optoma DLP® color quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusions: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive (3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault. Typical lamp life achieved through testing. Will vary according to operational use and environment conditions. Optoma guarantees that in normal use, the DLP® imager guarantee will retain quality for at least 5 years providing consistent pixel performance. Exclusions: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive.
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LENS

The centred lens design allows greater flexibility, ensuring the projector can be easily installed

With STD Lens- Throw ratio 1.6 – 2.0

Projection Distance (M)	1.5	2	3	5	8	9	10
Screen Size 4:3 (inch)	Max	46.1	61.5	92.3	153.8	246.1	307.6
	Min	36.9	49.2	73.8	123.0	196.9	246.1

With Tele Lens- Throw ratio 2.0 – 3.0

Projection Distance (M)	1.5	2	3	5	8	9	10
Screen Size 4:3 (inch)	Max	36.9	49.2	73.8	123.0	196.9	246.1
	Min	24.6	32.8	49.2	82.0	131.2	147.6

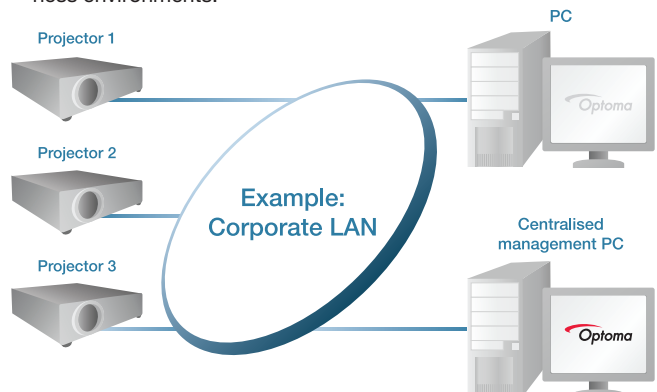
With Wide Lens- Throw ratio 0.8

Projection Distance (M)	1.5	2	3	5	8	9	10
Screen Size 4:3 (inch)	Max	92.3	123.0	184.6	307.6	492.1	615.2

Crestron RoomView® - NETWORK CONTROL

RoomView® software provides a custom configurable interface to monitor, manage and control every device in every room remotely from any computer.

- Manage up to 250 projectors at the same time (via master PC).
- Control and alter the projector settings using a simple web browser page, including OSD menu control.
- Set up email alerts for warning messages.
- Ideal for large installations in both in the educational and business environments.



Download Crestron RoomView® Express software from:
www.crestron.com/getroomview

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RoomView
connected

3D Technology

Using the inherent speed of DLP technology, The Optoma EX785 can output video and images at an astonishing rate of 120Hz, allowing you to show full screen, full color, stereoscopic 3D. The 3D effect is generated by splitting this signal into two standard video streams, one for each eye. Using DLP® Link™ technology, the 3D glasses synchronise with the image on screen to filter each stream to the correct eye. Your brain then combines the two streams to make them jump into life.

