

EX785/EW775
DLP® Projector

Powerful performance

Powerful Installation Projector











The Optoma EX785/EW775 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/EW775 is a truly versatile installation solution.



The high brightness is perfect for conferencing facilities, large auditoriums, halls and bars, its true brilliance must be experienced. Meeting the highest standards of installation projectors, the EX785/EW775 creates seamless, smooth and radiantly bright corporate presentations, videos and movies.



-  EW775 has widescreen presentation and HD entertainment
-  High brightness projectors
-  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 filter-free design – virtually no maintenance

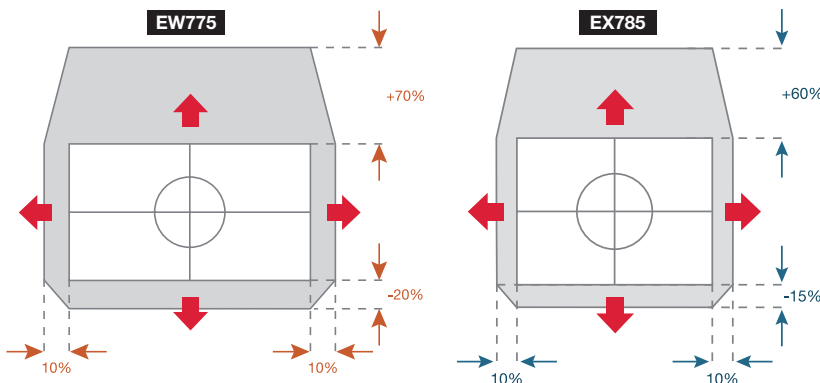


Spec	EX785	EW775
Brightness	5000 ANSI Lumens	4500 ANSI Lumens
Contrast Ratio	2000:1	1500:1
Native Resolution	XGA 1024 x 768 support up to UXGA (1600 x 1200)	WXGA 1280 x 800 support up to UXGA (1600 x 1200)
Noise Level	31 / 33dB (STD / BRIGHT mode)	
Display Technology	0.7" XGA DLP® Technology by Texas Instruments	0.65" XGA DLP® Technology by Texas Instruments
Aspect Ratio	4:3 Native, 16:9 Compatible	16:10 Native, 16:9 and 4:3 compatible
Keystone Correction	± 30° Vertical	
Lens Shift Movement	Max. -15 to +60% Vertical, ±10% Horizontal	-20 to +70% Vertical, ±10% Horizon
INPUTS	HDMI (support audio input) x 1 DVI-D (support HDCP) x 1 BNC (RGBHV / YPbPr) x 1 VGA (YPbPr / RGB / SCART) x 2 Component: YCbCr / YPbPr (RCA) x 1 S-Video x 1 Composite Video x 1 Audio input x 6 (For HDMI / VGA1 / VGA2 / BNC / Component / S-Video & Video) USB Port (For USB remote mouse control/service) x 1 IR receivers x 2	
CONTROL	RS-232 interface x 1, RJ45 (LAN for network control interface) x 1	
OUTPUT	VGA Out x 1 Audio Out x 1 +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	9.5 kg (w/o lens)	
Lamp Life	2000 / 1500 hours (STD / BRIGHT mode)	
Power Supply	100 – 240V, 50 – 60Hz	
Power Consumption	390W BRIGHT mode, Standby mode <1W	
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 @ 120Hz	

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

LENS SHIFT

The EX785/EW775 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

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	2.0	3.0	5.0	10.0
EX785 Screen Size 4:3 (inch)	Max	46.1	61.5	92.3	153.8	307.6
	Min	36.9	49.2	73.8	123.0	246.1
EW775 Screen Size 16:10 (inch)	Max	43.0	57.3	86.0	143.3	286.6
	Min	34.3	45.7	68.6	114.4	228.7

With Tele Lens- Throw ratio 2.0 – 3.0

Projection Distance (M)		1.5	2.0	3.0	5.0	10.0
EX785 Screen Size 4:3 (inch)	Max	36.9	49.2	73.8	123.0	246.1
	Min	24.6	32.8	49.2	82.0	164.0
EW775 Screen Size 16:10 (inch)	Max	34.3	45.7	68.6	114.4	228.7
	Min	22.8	30.4	45.7	76.1	152.2

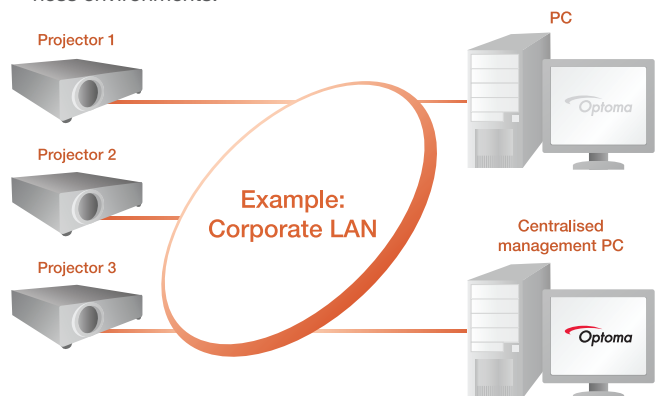
With Wide Lens- Throw ratio 0.8

Projection Distance (M)		1.5	2.0	3.0	5.0	10.0
EX785 Screen Size 4:3 (inch)	Max	92.3	123.0	184.6	307.6	615.2
	Max	86.0	114.6	172.0	286.6	573.2

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



3D Technology

Using the inherent speed of DLP technology, The Optoma EX785/EW775 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.

