www.optoma.com

Optoma

X600

Make a bright impact

- Proven Performance
- XGA - 6000 ANSI lumens
- Ultimate Control - Full support for Crestron, Extron, AMX, PJ-Link and Telnet LAN commands
- Extensive connectivity - HDMI, DisplayPort, 2 x VGA

DLP TEXAS INSTRUMENTS · HDMI HIGH DEFINITION MULTIMEDIA INTERFACE · CRESTRON RoomView connected · AMX · Full 3D · Eco+ · Amazing Colour · 5 YEARS

X600

Exceptional brightness, excellent connectivity and amazing colours ensure the Optoma X600 XGA projector is the perfect choice for any large venue or conference room.

Full support for Crestron Roomview, Telnet, Extron IP Link, AMX dynamic device discovery and PJ-Link protocols, allow almost all aspects of the X600 to be controlled across a network, keeping you in control, wherever you are

The environmentally friendly X600 has energy saving features including <0.5W standby mode and auto power off saving you both time and money. Our unique Optoma Colour guarantee ensure hassle-free, long-lasting projection.

Creston 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 message
- Ideal for large installations in both the educational and business environments.

RS232 Control

The extensive RS232 command set makes it simple and easy to control the X600 with any control system.

AMX Compatibility – Dynamic Discovery Protocol is incorporated into the X600. This feature allows for easy installation with AMX control systems

Extensive Connectivity

This native XGA projector accepts a wide variety of computer and video input signals.
Connectivity includes: HDMI, DVI-D, dual VGA (SCART/ Component via adaptor), S-Video, Composite, VGA-Out, RS232 , RJ45 and +12V trigger.
Two audio inputs for individual PC and video connections enable the X600 to function as an audio switcher and volume controller, thereby eliminating complicated and costly additional audio hardware and cabling.

Clear, Focused Images

DarkChip3™ technology from Texas Instruments produces a stunning 10,000:1 contrast ratio for pin sharp graphics and crystal clear text. Crisper whites, ultra-rich blacks makes images come alive and text easier to read

- ideal for business and education presentation.

3,000:1 contrast ratio 10,000:1 contrast ratio

Environmentally Friendly

The X600 incorporates energy saving features to conserve power and extend the lamp life:

To achieve the maximum 3500hrs² lamp life time the projector should be operating in STD mode and the shut down timer should be enabled to automatically switch off the projector if it is accidentally left on when no longer required. Enabling the <0.5W Standby mode will ensure the minimum energy consumption when the projector is not being used.

Amazing Colour

Watch your movies, TV shows and play games with stunning colours in any environment. Optoma projectors provides you with reliable performance suitable for any content and environment. Our home projectors are capable of reproducing the Rec.709 colour gamut, the international HDTV standard to guarantee accurate reproduction of cinematic colour exactly as the director intended. Or more saturated colours for a punchy looking image, great for gaming and animated movies.

Extra Features

- Easy lamp replacement from the top cover
- Direct power on – start up time is significantly reduced as standby mode is bypassed when the power cable is inserted into an active power outlet. This eliminates the need to use the 'Power' button on the remote control or the projector keypad.
- Signal power on – the projector will power on when it receives a signal. This eliminates the need to use the 'Power' button on the remote control or the projector keypad.
- Auto power off – if after a pre-determined time the projector does not receive a signal, it will turn itself off automatically, conserving power and extending the life of the lamp.
- Key pad lock – once enabled prevents unauthorised adjustments ensuring the projector can only be controlled via the remote control.
- +12v Trigger – electric screen control
- Logo capture – customise your start up screen
- Easy to use remote with laser pointer, mouse control and direct source selection

Virtually Maintenance Free = Lower Cost of Ownership

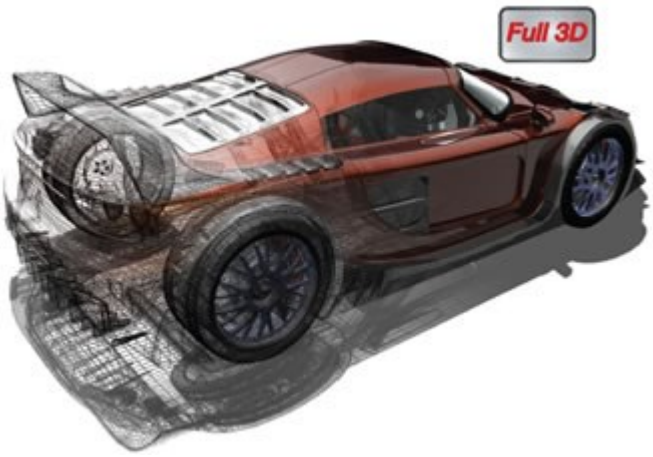
X600 provides lower cost of ownership, longer life and improved reliability. The filter-free projector design does not require regular filter cleaning or filter replacement, saving you time and money.

Colour Guarantee

We are so confident that the X600 image colour quality will remain as good as the day you bought it that Optoma will guarantee it for five years.

3D technology

Using the inherent speed of DLP® technology, Optoma Full 3D projectors can output video and images at an astonishing rate of 120Hz, allowing you to show full screen, full colour, 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.
The X600 supports multiple 3D formats from various devices such as PC, Blu-ray 3D™, Sony® PS3, Microsoft® Xbox 360 or 3D TV broadcast system.



PJ-Link Compatibility

System integration control

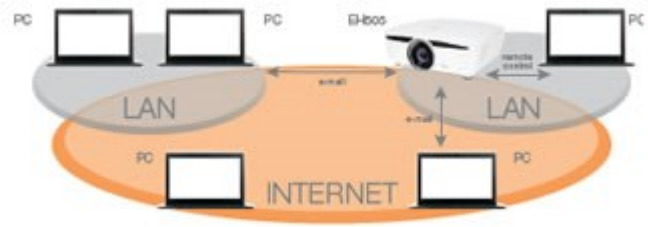
Multiple X600 can be monitored over LAN and can also provide the user with an email message alert in case an error occurs or a lamp fails or needs to be replaced using Crestron Roomview. The web browser interface and full support for Telnet, Extron's IP Link, AMX dynamic device discovery and PJ-Link protocols, allow almost all aspects of the X600 to be controlled across a network, keeping you in control, wherever you are.

Global monitoring of all AV devices

Track projector lamp life

Email alerts and instant notifications- help desk requests, service reminders, device failure or theft

Event Scheduling



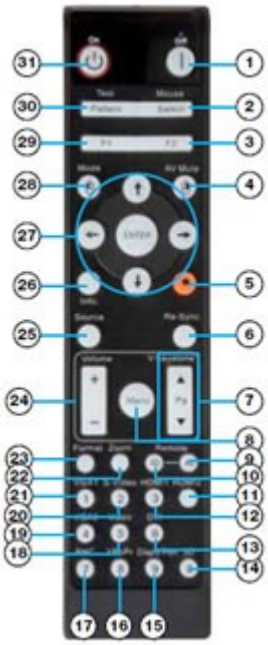
Specification

Display Technology	Single 0.7” XGA DMD chip DLP® Technology by Texas Instruments
Resolution	XGA 1024 x 768
Brightness[1] (Bright Mode)	6000 ANSI Lumens
Contrast	10,000:1
Typical lamp life[2] Eco+/Dynamic/Bright	4000/3500/2500 (hrs)
Throw Ratio	1.8 - 2.1:1
Zoom Type	1.15x Manual
I/O Connectors	2 x HDMI, DisplayPort, 2 x VGA (RGB/YPbPr), S-Video, Composite, 2 x Audio In (RCA/3.5mm), Audio Out 3.5mm 3.5mm, VGA Out, RJ45, RS232, USB service, 12V trigger, 3D-Sync
Speaker	3
Keystone Correction	± 30° Vertical
Weight (kg)	3.6
Dimensions (W x D x H) (mm)	326 x 254 x 104
Aspect Ratio	4:3 Native, 16:9 Compatible
Offset	112%
Projection Screen Size	0.71 – 8.34m (28.01” - 328.38”) Diagonal 4:3
Projection Distance	1.2 - 12 metres
Projection Lens	F/2.6~2.81; f=26.9~29.84mm, 1.15x Manual Zoom
Uniformity	85%
Maximum Resolution	UXGA 1600 x 1200
Computer Compatibility	UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
3D Support	Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.
3D Compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Horizontal Scan Rate	15 - 91kHz
Vertical Scan Rate	25 - 144Hz
Displayable Colours	1.07 Billion
Noise Level (Eco mode)	28dB
Power Supply	100-240V, 50-60Hz
Power Consumption	370W Bright mode / 320W Eco mode (< 0.5W Standby)
Lamp Type	310W
Operating Conditions	5°C - 45°C, Max. Humidity 85%, Max. Altitude 2500m
Security	Security bar, Kensington lock, password protection
On Screen Display	19 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech, Turkish, Romanian, Farsi, Arabic
Standard Accessories	Carry bag, lens cap, AC power cord, VGA cable, remote control, 2x AA batteries, quick start card, CD user manual
Optional Accessories	DLP® Link™ 3D glasses, wireless, ceiling mount
Optional Wireless	Yes
360’ Operation	Not supported
Portrait Mode	Not supported
Warranty	2 Years
Warranty	2 Years
RoHS	Compliant

Easy to use remote control

X600 Remote Control

1. Power Off
2. Mouse
3. Function 2 (assignable)
4. AV Mute / right mouse button
5. Laser
6. Re-Sync
7. Page Up/Down
8. Menu
9. Remote code All
10. Remote code 01~99
11. HDMI 2
12. HDMI 1
13. DVI
14. 3D Mode
15. DisplayPort
16. Component Video
17. BNC
18. Composite Video
19. VGA 2
20. S-Video
21. VGA 2
22. Zoom
23. Format (aspect ratio)
24. Volume Up/Down
25. Source
26. Information Panel
27. Four Directional Select Keys
28. Display mode / left mouse button
29. Function 1 (assignable)
30. Test Pattern
31. Power On



X600 Connections

32. USB Remote Mouse
33. VGA Out
34. VGA 1
35. VGA 2
36. DisplayPort
37. HDMI 1
38. HDMI 2
39. 3D Sync
40. +12V Trigger (3.5mm)
41. Audio In (S-Video & Composite)
42. RJ45
43. Audio Out
44. RS-232C
45. Audio In (VGA, VGA 2, & Composite)
46. S-Video
47. Composite Video
48. KensingtonTM Lock

Exceptional Connectivity / Multiple Terminals

X600 Projection Distance 1 - 10m (4:3 Aspect ratio)

Projection Distance (m)	Max. Horizontal Image Size (m)	Min. Horizontal Image Size (m)	Max. Vertical Image Size (m)	Min. Vertical Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)	Max. Image Offset (m)
1.20	0.67	0.57	0.50	0.43	0.83	32.84	0.06
2.00	1.11	0.95	0.84	0.71	1.39	54.73	0.10
2.50	1.39	1.18	1.04	0.89	1.74	68.41	0.13
3.00	1.67	1.42	1.25	1.07	2.09	82.10	0.15
4.00	2.22	1.90	1.67	1.43	2.78	109.46	0.20
5.00	2.78	2.37	2.09	1.78	3.48	136.83	0.25
6.00	3.33	2.84	2.51	2.14	4.17	164.19	0.30
7.00	3.89	3.32	2.92	2.49	4.87	191.56	0.35
8.00	4.44	3.79	3.34	2.85	5.56	218.92	0.40
9.00	5.00	4.27	3.76	3.21	6.26	246.29	0.45
10.00	5.56	4.74	4.18	3.56	6.95	273.65	0.50
11.00	6.11	5.21	4.59	3.92	7.65	301.02	0.55
12.00	6.67	5.69	5.01	4.28	8.34	328.38	0.60

For guide purposes only

Optoma Europe Ltd.
1 Bourne End Mills, Hemel Hempstead, Hertfordshire HP1 2UJ, UK
www.optoma.co.uk

Copyright © 2013, Optoma Europe Ltd. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. DLP, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments. All specifications are subject to change without notice. Errors and omissions excepted. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product or product images without notice. Some images may be simulated.

11/02/2018 11:44