



PERFORMANCE SPECIFICATIONS

<p>Brightness (±10%) 6000 ANSI Lumens</p> <p>Contrast Ratio (±10%) 2400:1</p> <p>Display Type 1 x 0.65" DMD™</p> <p>DMD Specification 1280 x 800 pixels native</p> <p>Fill Factor 84%</p> <p>Sealed optics at DMD interface Protects DMD's from optical contamination</p> <p>Sequential Colour Management</p> <ul style="list-style-type: none"> • User replaceable 4 and 6-Segment Colour wheel • "BrilliantColor" for realistic colour <p>Source Compatibility</p> <ul style="list-style-type: none"> • Graphics standards up to 1600 x 1200 resolution at 60fps via DVI or VGA • Composite video (PAL, NTSC & SECAM) • S-Video (PAL, NTSC & SECAM) • Component video (SD and HD) via YPr Pb, RGB, or RGBS <p>Video Processing</p> <ul style="list-style-type: none"> • Horizontal and Vertical Keystone • Image Scaling • 7 Point Colour Correction <p>Network Connection and Control</p> <ul style="list-style-type: none"> • Ethernet RJ45 Web Browser Only • Serial RS232 DB9 Full Protocol <p>Input Connections</p> <ul style="list-style-type: none"> • Composite RCA • S-Video 4 pin mini din • Component RCA x 3 • Graphics BNC x 5 	<ul style="list-style-type: none"> • RGBHV D-Sub 15pin VGA Connector • Digital RGB Single Link DVI • Audio 2 x RCA • Audio 3.5mm Mini Jack <p>Lamp Type 2 x 280W High Intensity Discharge module</p> <p>Lamp Life (typical)¹ Normal mode: 2000 hours Eco mode: 3000 hours</p> <p>Lens Mount Fixed and Zoom Lenses, Motorised Horizontal & Vertical Shift, Zoom and Focus.</p> <p>Lens Shift (maximum) Vert: +0.5, -0.0 frame Hor: ±0.1 frame</p> <p>Lens Options</p> <p>0.77 :1 fixed 1.33-1.79 :1 zoom 1.78-2.35 :1 zoom (Standard lens) 2.22-4.43 :1 zoom 4.43-8.3 :1 zoom</p> <p>Mechanical Mounting</p> <ul style="list-style-type: none"> • Front or Rear Table and Front or Rear Ceiling. Tilt +/- 10° Front to Back 6° left and right <p>Weight (chassis only) 20kg</p>
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Overview

Digital Projection International (DPI), Texas Instruments' first DLP™ partner and the original innovator of the 3-chip DLP™ projector, proudly adds Eon WXGA-6000 and XGA 6000 to its single chip range.

Weighing in at just 20kgs, the dual-lamp Eon WXGA and XGA employs the latest in Texas Instruments' 1280x800 dark metal DLP™ technology to deliver up to 6,000 lumens and upto 2400:1 contrast. Robustly built and ultra-quiet, Eon is an unmatched solution for Rental, Places of Worship, Digital Signage, Home Cinema and a wide variety of commercial applications.

The Eon is fitted as standard with a four segment colour wheel and the user option to increase to a six segment colour wheel. Digital Projections ColourMax technology offers the capability to fine tune the projectors colourimetry. Two different colour wheel sets are available for the Eon, allowing the user to select the projector/colour wheel combination that provides the best balance of lumens and colour depth for their application.

Other key benefits of the Eon WXGA and XGA 6000 include:

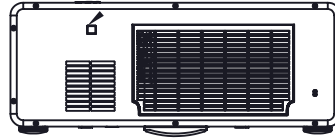
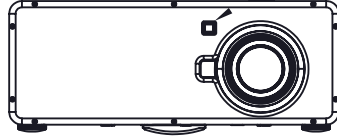
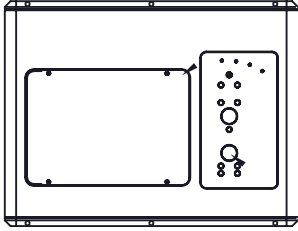
- Video processing features class leading de-interlacing with SD and HD sources processed using auto 3:2 and 2:2 extraction
- Six user-selectable inputs, including HDCP compliant DVI
- Up to 14 Bit colour for breathtaking image reproduction
- ColorMax calibration capabilities including enhanced seven-point colour correction for boarder colour space and accurate colour alignment
- A choice of colour wheel is supplied for user installation - four segment for optimised light output and six segment for optimised colour performance
- Dual lamps with up to 6000 hours life in ECO mode single lamp.
- A range of precision optics with extended lens shift
- DP's CoolTek engineering, which delivers the highest lumen performance with the lowest thermal (BTU) and noise level (dBA) output

The Eon WXGA and XGA 6000 are priced and sized for every venue and everyday use - bringing the precision of Digital Projection to your venue.

INPUT CAPABILITIES

Type	Connector	Quantity
Composite	RCA	1
S-Video	4-pin mini DIN	1
Component Interlaced/Std def Y, Cr/Pr, Cb/Pb,	RCAx3	1
Graphics Progressive RGB/Progressive Interlaced Hi def Y, Cr/Pr, Cb/PB	BNCx5	1
RGBHV (Progressive)	D-sub (15-pin)	1
Digital RGB	DVI	1
Audio Composite/ S-Video	RCAx2	1
Component Graphics	RCAx2	1
Graphics	3.5mm Mini Jack	1
RGBHV	3.5mm Mini Jack	1
Digital RGB	3.5mm Mini Jack	1
Output Monitor output	D-sub (15-pin)	1

Eon Series



Projector Dimensions

Projector dimensions (mm)
L 385 W 505 H 194

DIGITAL PROJECTION
Precision Displays for Every Venue



ADVANCED TECHNICAL SPECIFICATIONS

PARAMETERS	
Native Colour Temperature	6100°K ±1000°K; white balance-adjustment: 3000°K to 10000°K
Signal Formats	480i, 576i 480p, 576p, 720p, 1080i (50, 59.94 and 60Hz) 1080p (23.98, 24, 25, 29.97 and 30Hz).
Acoustic Levels	Normal Mode: Max 40dB, Eco Mode Max 37dB
Remote Control	Addressable IR remote control / On board keypad
Automation Control	LAN connection via RJ45 / RS232 9-pin D type / USB / 3.5mm Jack 12v screen trigger
Operating/Storage Temperature	Operating: 5°C to 30°C / Storage: -10 to 60°C
Operating Humidity	10 to 85% non-condensing
Thermal Dissipation	2422 BTU/hr
Fan Noise	Less than 39dBA (ECO 34dBA)
Power Requirements	100-240 VAC
Power Consumption	730 watts maximum

Projectors
Eon 6000-WXGA
Eon 6000-XGA

Part #
109-542
109-589

Accessories
Single 280W Lamp & Housing (2 required)
Eon adjustable ceiling mount

Part #
109-804
111-182

Lenses	HB Part #
0.77:1	109-544
1.33-1.79:1	109-545
1.78-2.35:1	109-546
2.22-4.43:1	109-547
4.43-8.3:1	109-548

1 Based on 4-6 hour/day operational profile. Venue and application conditions may impact actual lamp life.
See Digital Projection's Product Warranty Statement for details on lamp warranty.
Installations requiring horizontal or vertical tilt orientations greater than 15 degrees may reduce the actual operational hours of one of the two lamps.

