

OverView DR120



DLP™ based projector for retro enclosure

A perfect combination of compact size, high light output and exceptional resolution make Barco's OverView DR120 highly recommended for rear projection mount. It can easily be integrated into any retro enclosure or used as a replacement projector for older generation projectors.

This "drop-in" projector is based upon single chip DLP™ technology with SXGA resolution and accomplishes high brightness, high resolution pictures on screens measuring 67" and higher.

Especially multi-screen applications highly benefit from the unit's advanced features for superior color uniformity across all screens.

- high light output of 800 ANSI lumen full white
- single chip DLP™ based projector with a resolution of 1,280 x 1,024 pixels (aspect ratio 5:4). SXGA resolution can even be obtained in a 4:3 aspect ratio thanks to the built-in Pixel Map Processor
- 120 Watts lamp with a typical 6,000 hours lifetime (lamp manufacturer specs @ IEC 61947-1 test conditions).
- Barco's Patented Pixel Map Processor guarantees very legible characters and the greatest amount of picture detail possible. It recalculates every pixel with state-of-the-art digital signal processing techniques. The result is optimal picture quality, crisp graphics with exceptionally readable characters
- precision projection lenses provide superior image quality with an absolute minimum of geometric distortion. A wide range of lenses is available for rear screen installations from practically any angle and throw distance
- state-of-the-art optics ensure the highest resolution with unsurpassed clarity in every part of the projected image

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Technical specifications OverView DR120

Light output

Typ. 800 lumens

Contrast ratio

Typ. 1000:1 (full white/full black)

Native resolution

1280 x 1024 (SXGA)

Lamp

120W UHP lamp

Optics

Standard:

1.2 - 1.4 zoom lens

Optional:

0.92 fixed lens

0.7 fixed lens

Input frequencies

Horizontal 15 kHz - 115 kHz

Vertical 25 Hz - 150 Hz

Synchronous display between

48-62 Hz

Inputs/Outputs (analog)

- 1 x input for RGB/RGSB/RGBS/RGBHV (5 x BNC)
- 1 x VGA (D-15 connector)

Compatibility

The OverView DR120 is compatible with:

- Image generators and electronic workstations with a resolution up to 1,600 x 1,200 pixels/66 Hz with analog output
- All computer graphics formats from XGA to UXGA
- Most sources with a pixel clock up to 205 MHz

Communication

- 2 x D9 connectors for RS232 In/Out
- 1 x D9 connector for COM 800
- 1 x Mini-jack for wired remote control
- 1 x IR receivers (front)

Constant Light output (CLO)

an integrated, calibrated light meter measures and controls the light output to a constant level

Linked CLO

the brightness of all projectors is monitored and adjusted to a common value

Dynacolor™

allows the user to digitally set primary and secondary color coordinates

Linked Dynacolor™

automatically adjust multi-channel display walls to a common color triangle

Power consumption

230 Watts

Power dissipation < 750 BTU/h

AC power

Power factor pre-regulated SMPS

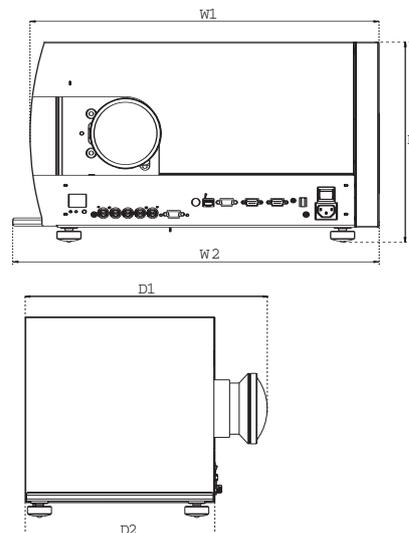
100-240 VAC, 50-60Hz, 2.5-1.0A

Safety regulations

Compliant with UL1950 and EN60950

Electromagnetic interference

OverView DR120 complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class B



Dimensions	mm	inch
W1	510	20.1
W2	535	21.1
H	296	11.7
D1	354	13.9
D2	278	10.9

Weight	kg	lbs.
Net	20	44.1
Shipping weight (max.)	35	77.2

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DLP is a trademark of Texas Instruments.

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