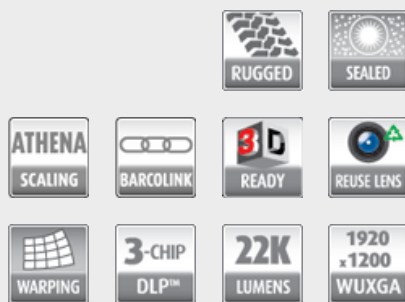


# HDF-W22

22,000 lumens, WUXGA, 3-chip DLP projector



The ultra-bright and reliable HDF-W22 projector is a perfect fit for any large venue or event that requires extra brightness to show clear, crisp images in a brightly lit environment.

## Reliable and powerful projection

With a light output of 22,000 lumens, the HDF-W22 displays superior images even in venues with lots of ambient light. Thanks to its 3-chip DLP technology, Xenon illumination and high-contrast optical engine, the HDF guarantees crisp images with rich colors on every occasion. What's more, it is fully ready to support 3D projection. It has also been equipped with Barco's high-end **ImagePRO technology with Athena scaler** for flexible scaling.

## Wireless control and preview mode

In addition, the versatile HDF-W22 offers extended wireless control features via smart phone or tablet computer. The HDF-W22's built-in color LCD screen provides all the information you need on your projector's status and allows you to preview your connected sources.

## Designed for rental and staging

Building on Barco's experience in the rental and staging market with the proven FLM family, the HDF has been designed with the road in mind. Its compact and modular design make it simple to install and service. Equipped with a top or bottom frame, the rugged projector can easily be rigged as well.

**BARCO**

Visibly yours

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22,000 lumens, WUXGA, 3-chip DLP projector

## **Fast signal distribution**

Our proprietary BarcoLink technology guarantees swift signal distribution between Barco's projectors and image processors. With BarcoLink, signals are distributed over a BNC coax cable, which is not only more durable but also enables you to lower your costs.

**Product specifications****HDF-W22**

|   |   |
|---|---|
| <b>Projector type</b>                                 | WUXGA 3-chip DLP digital projector  |
| <b>Technology</b>                                     | 0.96" DMD™ x3   |
| <b>Resolution</b>                                     | 1,920 x 1,200   |
| <b>Brightness</b>                                     | 22,000 center lumens / 20,000 ANSI lumens*  |
| <b>Contrast ratio</b>                                 | 1,900:1 (standard) / 2,200:1 (high contrast mode)   |
| <b>Brightness uniformity</b>                          | 90%   |
| <b>Aspect ratio</b>                                   | 16:10   |
| <b>ScenergiX</b>                                      | Horizontal and vertical edge blending   |
| <b>Lens type</b>                                      | TLD+  |
| <b>Lenses</b>   | 0.73:1 ; 1.2:1 ; 1.25-1.6:1 ; 1.5-2.0:1 ; 2.0-2.8:1 ; 2.8-4.5:1 ; 4.5-7.5:1 ; 7.5-11.5:1  |
| <b>Optical lens shift</b>                             | Vertical: -30% to +120% / Horizontal: -40% to +40% on zoom lenses (memorized)   |
| <b>Color correction</b>                               | P7  |
| <b>Lamps</b>  | 3.8 kW xenon  |
| <b>Lamp lifetime</b>                                  | 1,000 Hrs   |
| <b>Transport with lamp</b>                            | Yes   |
| <b>Lamp house, quick replace</b>                      | Yes   |
| <b>Customer bulb replace</b>                          | Yes   |
| <b>Lamp warranty (field replace/ factory replace)</b> | 90 days, 500 hours / pro rata 500 hours   |
| <b>Sealed DLP™ core</b>                               | Standard  |
| <b>Optical dowsers</b>                                | Standard  |
| <b>Picture-in-picture</b>                             | Two sources simultaneously  |
| <b>Orientation</b>                                    | table - ceiling - side (portrait)* - vertical<br>* lamp door down/bottom  |
| <b>Others</b>   | can be controlled by DMX 512 console, warping   |
| <b>DMX 512</b>  | standard  |
| <b>WARP</b>   | Direct adjust OSD + toolset   |
| <b>Integrated web server</b>                          | yes   |
| <b>CLO (constant light output)</b>                    | Standard  |
| <b>3D</b>   | Active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200 HS   |
| <b>Inputs</b>   | DVI-I (HDCP including analog RGB YUV), SDI/HDSDI/Dual HDSDI/3G/BarcoLink  |
| <b>Optional Inputs</b>                                | 5-BNC RGBHV (RGBS/RGB, YUV CS/SOY, Composite video, S-Video); DVI-I (HDCP including analog RGB YUV) + BarcoLink/SDI/HDSDI/Dual HDSDI/3G; 3D active input (HDMI/DisplayPort) feat. SENSIO 3D |
| <b>Input resolutions</b>                              | From NTSC up to QXGA (2,048 x 1,536)  |
| <b>Max. pixel clock</b>                               | 200 MHz   |
| <b>Software tools</b>                                 | Projector Toolset + Android app   |
| <b>Control</b>  | XLR wired + IR, RS232, Wifi, GSM (opt)  |
| <b>Network connection</b>                             | 10/100 base-T, RJ-45 connection, Wifi (optional)  |
| <b>Power requirements</b>                             | 200-240V / 50-60Hz  |
| <b>Max. power consumption</b>                         | 4,000W / STBY < 10W   |
| <b>Noise level (typical at 25°C/77°F)</b>             | 58dB(A)   |
| <b>Operational ambient temperature</b>                | 0-40°C / 32°-104°F  |
| <b>Operational humidity</b>                           | 0-80% (non condens)   |
| <b>Dissipation BTU</b>                                | Max. 13660 BTU/h  |
| <b>Dimensions (WxLxH)</b>                             | 707 x 1,025 x 548mm / 27.83 x 40.35 x 21.57 inches  |
| <b>Weight</b>   | 99kg (218.25lbs)  |

**Product specifications****HDF-W22**

|                                     |  |
|-------------------------------------|--|
| <b>Shipping Dimensions</b>          | (LxWxH) 1,200 x 980 x 760 mm / 47.24 x 38.58 x 29.92 inches  |
| <b>Shipping Weight from Factory</b> | 151kg (333lbs)   |
| <b>Standard accessories</b>         | Power cord; wireless/XLR wired rugged remote control, bottom rigging kit/clamps  |
| <b>Certifications</b>               | Compliant with UL60950-1 and EN60950-1 complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS |
| <b>Warranty</b>                     | 2 years standard, extendable up to 5 years   |
| *                                   | +/- 10%  |