

Barco Takes on Residential Market

Written by Marco Attard
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Barco launches its first residential product at CEDIA Expo 2014-- the Orion home projector, reportedly a one-of-a-kind number featuring a 2.35:1 (CinemaScope) aspect ratio.



According to the company it carries a lamp-based single-chip DLP, a co-development with Texas Instruments, allowing the projection of 2560x1080 images without need for additional anamorphic lenses. The format uses 78% more pixels for native 2.37:1 compared to standard 1080p projectors with a Blu-ray 2.37:1 format movie.

Such a resolution increase is achieved without compromising image quality-- when the image goes from 1.78 to 2.35, the projector uses increased native resolution to uniformly expand the width and height. Brightness is rated at 1500 or 3800 lumens (depending on lens) via 350W UHP lamp.

The Orion can be either table- or ceiling-mounted, at up to 100m distance from source equipment. Inputs include DVI, two DisplayPort, one HDMI 1.4a, one HDBaseT and BNCs.

CEDIA Expo 2014 also saw Barco join the HDBaseT Alliance, the cross-industry group promoting and advancing the HDBaseT standard.

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