

# iCon H250

Network-centric, 1080p HD, 2,500 lumens single-chip DLP projector



**PRODUCT SPECIFICATIONS****ICON H250**

|                                     |   |
|-------------------------------------|---|
| <b>Light output</b>                 | 2500 ANSI lumens  |
| <b>Resolution</b>                   | 1920 x 1080 (native)  |
| <b>Brightness uniformity</b>        | > 95% for the total screen  |
| <b>Lamp</b>                         | 2x 250 Watt P-VIP lamp in lamp housing, pre-aligned for max. light output. Typical lifetime: 1,500 h/lamp   |
| <b>Optics</b>                       | Sealed optical engine   |
| <b>Contrast ratio</b>               | > 2000:1 (full white/full black; depending on lens, focus and projector settings)   |
| <b>Display</b>                      | 1-chip 0.95" DarkChip3® DLP™ 1080p panel with BrilliantColor™ processing and a native HDTV resolution of 1920 x 1080 pixels, 16:9 aspect ratio  |
| <b>Color wheel</b>                  | RGBRGB  |
| <b>Features</b>                     | <ul style="list-style-type: none"> <li>▪ Advanced picture-in-picture (PIP)</li> <li>▪ Intelligent dual lamp system</li> <li>▪ On board PC with Windows OS for network centric operation</li> <li>▪ Advanced desktop integration (source and PiP handling through Windows OS)</li> <li>▪ Sealed optical engine</li> <li>▪ Standard cable basket</li> </ul>   |
| <b>Inputs</b>                       | <ul style="list-style-type: none"> <li>▪ 1x Component video, RGBHV, RGBS or RGSB (5x BNC)</li> <li>▪ 1x Composite video (BNC)</li> <li>▪ 1x S-video (4-pin mini-DIN)</li> <li>▪ 1x VGA (D15 connector)</li> <li>▪ 2x DVI-D (Digital Visual Interface-Digital)</li> </ul>  |
| <b>Outputs</b>                      | <ul style="list-style-type: none"> <li>▪ 1x DVI-D</li> </ul>  |
| <b>Compatibility</b>                | <ul style="list-style-type: none"> <li>▪ All current video sources in composite, S-video, component or RGB formats</li> <li>▪ All current HDTV sources (720p, 1080i)</li> <li>▪ All computer graphics sources with a pixel clock up to 270 Mhz (VGA, S-VGA, XGA, SXGA, SXGA+, UXGA, QXGA: 2048x1536)</li> <li>▪ DVI sources up to UXGA and HDTV resolution</li> <li>▪ Apple Macintosh formats</li> </ul>  |
| <b>Scan Frequencies</b>             | Horizontal 15kHz -140kHz<br>Vertical 25Hz -150Hz  |
| <b>Communication</b>                | <ul style="list-style-type: none"> <li>▪ 1x D9 connector for RS-232</li> <li>▪ 1x IR remote receiver</li> <li>▪ 4x USB</li> <li>▪ 1x RJ45 ethernet</li> <li>▪ 1x PCMCIA slot (Type II)</li> </ul>   |
| <b>Screen size</b>                  | From 1.2 -6m / 4 -20ft  |
| <b>Lens Shift</b>                   | Max. vertical shift from -25% to +140%<br>(with QCLD 0.85:1 lens: +/-25%)   |
| <b>On board display server</b>      | <ul style="list-style-type: none"> <li>▪ Pentium M 1.6 GHz processor</li> <li>▪ 1 GB RAM</li> <li>▪ 40 GB harddisk (5,400 rpm)</li> <li>▪ Microsoft™ Windows XP™ Professional Multi-language OS installed</li> <li>▪ Barco Server software for network communication between display server and clients</li> <li>▪ DropZone software</li> <li>▪ Proximity Desktop client software</li> <li>▪ Remote Control &amp; Diagnostics software</li> </ul> |
| <b>Power consumption</b>            | Max. 730 Watt   |
| <b>AC power</b>                     | Power factor pre-regulated SMPS, 90-254 VAC / 50-60Hz   |
| <b>Safety Regulations</b>           | Compliant with ETL60950 and EN60950   |
| <b>Electromagnetic Interference</b> | Compliant with FCC rules & regulations, part 15 CE EN55022 Class A and CCC  |
| <b>Dimensions</b>                   | Projector body with cable basket:<br>W 415 mm (16.34") x H 195 mm (7.68") x D 565 mm (22.24") Without cable basket: D = 487 mm (19.17")<br>Including lens: Dmax = 590 mm (23.23")   |
| <b>Weight</b>                       | Net weight, body only: 16 kg (35.3 lbs)<br>Shipping weight: max. 20 kg (44.1 lbs)   |

**Last updated: 21 Jan 2018**

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.