

# iCon H500

Network-centric, 1080p HD, 5,000 lumens, single-chip DLP projector



**PRODUCT SPECIFICATIONS****ICON H500**

<b>Light output</b>	5000 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>	RGBW
<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 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% (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: 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") Including lens: Dmax = 590 mm (23.23")
<b>Weight</b>	Net weight, body only: 16 kg (35.3 lbs) 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.