

iCon H500 / iCon H250



Network-centric, 1080p HD projectors for small and mid-sized meeting rooms



Easy-to-use, flexible and cost-effective

- Integrated Windows XP desktop
- Flexible integration into existing AV/IT environments
- Easy operation with mouse and keyboard
- External or networked sources in multiple windows

Clear, sharp and vibrant pictures

- 5,000 or 2,500 lumens and a 2,000:1 contrast ratio
- Native 1080p HD projection
- Single-chip DLP technology with BrilliantColor™ processing
- Choice of color wheels for either optimized data viewing or video and image viewing

BARCO

Visibly yours

iCon H500 / iCon H250 specifications

	iCon H500	iCon H250
Light output	5,000 ANSI lumens*	2,500 ANSI lumens*
Color wheel	RGBW (optimized for data viewing)	RGBRGB (optimized for video and image viewing)

Display technology

1-chip 0.95" 1080p HD native resolution DarkChip3[®] DLP[®] panel with BrilliantColor[™] processing and resolution 1920 x 1080 pixels, Brightness uniformity: > 95 % for the total screen

Lamp

2 x 250 Watt P-VIP lamp
Typical lifetime: 1,500 h/lamp

Contrast ratio

2,000 : 1 (full white/full black) *

Lens shift range

Max. vertical shift from -25% to +140% (+/- 25% for QCLD (0.85:1) lens)

RGB Scan frequencies

Horizontal: 15 kHz - 140 kHz
Vertical: 25 Hz - 150 Hz

Special features

- Advanced picture-in-picture
- Standard cable basket and light shutter
- Advanced digital zoom
- Intelligent dual lamp system
- On-board PC with Windows OS
- Source and PiP handling through Windows OS

Inputs

- 1x Component Video, RGBHV, RGBS or RGSB (5x BNC)
- 1x Composite Video (BNC)
- 1x S-Video (4-pin mini-DIN)
- 1x VGA (D15 connector)
- 2x DVI-D (Digital Visual Interface-Digital)

Outputs

- 1x DVI-D

Communication

- 1x D9 connectors for RS232
- 1x IR remote receiver
- 4x USB
- 1x RJ45 (Ethernet)
- 1x PCMCIA slot (Type II)

Compatibility

- All current video sources (PAL, SECAM, NTSC) in Composite, S-video, Component or RGB formats
- All current HDTV standards: 1080i, 720p
- All computer graphics formats from VGA, SVGA, XGA, SXGA, to UXGA (75 Hz)
- Apple Macintosh formats
- Electronic workstations with a resolution up to 1600 x 1200 pixels/75 Hz
- DVI sources up to UXGA and HDTV

On-board PC (display server)

- Pentium M, 1.6 GHz processor
- 1 GB RAM
- 40 GB Hard Disk (5,400 rpm)
- Microsoft[™] XP professional multi-language OS installed
- Barco server software for network communication between display server and clients
- DropZone software
- Proximity desktop client software
- Remote control and diagnostics software

Max. power consumption

730 Watt

AC power

Power factor pre-regulated SMPS, 90-254 VAC/50-60Hz

Safety regulations

Compliant with ETL60950 and EN60950

Electromagnetic interference

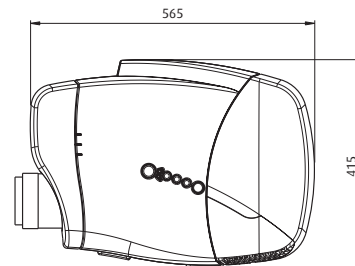
Compliant with FCC rules & regulations, part 15 CE EN55022 Class A and CCC

Weight

Net weight, body only: 16 kg / 35.3 lbs.
Shipping weight (max.): 20 kg / 44.1 lbs.

Dimensions	mm	inch
Length ⁽¹⁾	590	23.23
Width	415	16.34
Height	195	7.68

(1) with QVD (1.9 - 2.6:1) zoomlens



Available Lenses

Lens Type	Order N°
High Quality Zoom Lenses	
QCLD (1.1-1.3:1)	R9849850
CLD (1.2-1.6:1)	R9849870
CLD (1.6-2.4:1)	R9849880
CLD (2.4-4.3:1)	R9849890
Fixed Focal Length Lens	
QCLD (0.85:1)	R9849860

Order information

iCon H500	R9010501
iCon H250	R9010510
Replacement lamp UHP 250 Watt	R9841826
Dual lamp package	R9841827
Ceiling mount	R9841250
Ceiling mount bar short	R9841260
Ceiling mount bar long	R9841261
Flight case	R9841300

Optional inputs:

HDSI factory option (recommended)	ROPT2076
HDSI field upgrade kit	R9843047
HDCP upgrade kit	R9843045

* result can vary depending on lens, focus and projector settings

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Barco's Presentation & Simulation Division is ISO 9001 certified.

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