

iCon H400 / iCon H250



Network centric HDTV projectors for small and mid-sized meeting rooms



Clear, sharp and vibrant pictures

- 4,000 or 2,500 ANSI Lumens
- Native HDTV (1920x1080) resolution with 16:9 aspect ratio
- Single-chip DLP™ projection with BrilliantColor™ processing
- Choice of color wheels for either optimized data viewing or video and image viewing

Easy-to-use, flexible and cost-effective

- Integrated display server
- Flexible integration into existing AV/IT environments
- Easy operation using mouse and keyboard
- Increased efficiency through multi-windowing

BARCO

Visibly yours

iCon H400 / iCon H250 specifications

	iCon H400	iCon H250
Light output	4,000 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 HDTV native resolution
DarkChip3® DLP® panel with BrilliantColor™
processing and resolution 1920 x 1080 pixels,
16:9 aspect ratio
Brightness uniformity: > 95 % for the total
screen

Lamp

2 x 250 Watt P-VIP lamp, in lamp housing,
pre-aligned for max. light output.
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)

Recommended Screen Width

From 1.2 - 6 m/4-20 ft.

RGB Scan frequencies

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

Special features

- AUTOIMAGE
- Advanced picture-in-picture
- Seamless switching with effects
- Standard cable basket and light shutter
- Advanced digital zoom
- Intelligent dual lamp system
- On board PC with Windows OS for networked
projection and collaboration use
- 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,
S-VGA, XGA, S-XGA, to U-XGA (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 communi-
cation 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

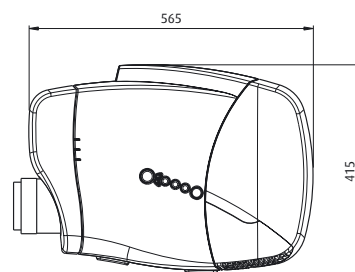
Weight

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 H400	R9010500
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:

Double HDSI input/output board
(replaces input layer 3) Ropt2076

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

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