

iCon NH-12

Network-centric 1080p HD, three-chip DLP™ projector



The iCon NH-12 is an ideal solution for applications in medium- to large-sized bright environments where 1080p HD quality matters, such as auditoriums, conference centers, universities, information areas and large boardrooms or meeting rooms.

- Direct access to all connected and networked sources on a single, large-screen desktop
- Multiple source windows that can be moved or resized easily with keyboard and mouse, in a Windows™ interface
- Easy creation and recall of user-defined layouts
- 12,000 lumens light output at a 2000:1 contrast ratio
- High-quality three-chip DLP video and color performance
- Maintenance-free design thanks to dustproof, fully sealed and liquid cooled optical engine
- Excellent brightness uniformity
- Special, noise-reducing design

iCon NH-12 technical specifications

Display capabilities	Light output	12,000 center lumens (+/- 10%)
	Contrast	1,800:1 up to 2,000:1 (with TLD+1.2:1 lens in High Contrast Mode)
	Resolution	Full HD (1,920 x 1,080)
	Chip technology	Sealed and liquid cooled 3-chip DLP™
Lamps	Lamp	2 kW Xenon
	Lamp warranty	750 hrs warranted, max. 800 hrs
Dimensions	Weight	70 kg (154.2 lbs) net - 85 kg (187.4 lbs) shipping weight
	Height - width - length	345 / 590 / 913 mm
		13.58" / 23.22" / 35.94"
Lenses	Available zoom lenses	
	TLD HB (1.6-2.0:1)	R9842060
	TLD HB (2.0-2.8:1)	R9842080
	TLD HB (2.8-5.0:1)	R9842100
	TLD HB (5.0-8.0:1)	R9842120
	Available fixed focal lenses	
	TLD HB (0.8:1)	R9842040
	TLD+ (1.2:1)	R9840775
Special features	Special features	
	Source and PiP operation through Windows OS	
	Keystone and linearity correction	
Features	Optional full geometry correction	
	Sealed, liquid-cooled engine	
	Desktop output including external source windows on DVI-D	

Inputs and outputs	Standard inputs	
	1x 5-BNC (RGBHV, RGBS or RGBsB)	
	1x Composite video (BNC)	
	1x S-Video (4-pin mini DIN)	
	1x DVI	
	1x VGA (D15)	
	Optional inputs (2 free layers)	
SDI/HD-SDI input		
Communication ports	Communication ports	
	RS232 (on D9)	
	IR or wired remote	
	10/100 Mb/s Ethernet (on RJ45)	
Compatibility	Video	
	PAL, SECAM, NTSC signals	
	Composite, S-video, component or RGB formats	
	All current HDTV standards (720i, 720p, 1080i, 1080p)	
	Data	
All computer graphics formats up to QXGA @ 75Hz		
Analog sources with a pixel clock of up to 270 MHz		
DVI sources with a pixel clock of up to 165 MHz		
Safety	Safety standards	
	ETL60950 and EN60950	
	CE compliant	
	CCC compliant	
Power	AC power	
	100 - 240 VAC/50-60 Hz	
	Max. power consumption / dissipation	
	2,800 Watt / 9,560 BTU	
Order info	iCon NH-12	R9010600
	New 2kW lamp	R9843080
	Refurbished lamp	R9843090
	QXGA RGBHV input	R9843020
	DVI/D15 input	R9843030
	SDI/HD-SDI	R9843040



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DLP™ technology by Texas Instruments offers crystal clear images with superior quality. DLP is a trademark of Texas Instruments.

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice. The latest version of this product sheet can be found on www.barco.com.

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