






Dashboard

brightness		1600 lumens
contrast		15,000:1
connectivity		HDMI 1.3, DVI, Component & RS-232 Control
resolution		Full-HD 1080p
maintenance free		No filters to replace or screens to clean or panel alignment



Honestly Impressive

The InFocus IN83 brings true cinema experience to a wider audience. This projector integrates the very latest in digital imaging technology with the 1080p DLP® DarkChip4 chipset from Texas Instruments™. Rendering the most lifelike images possible with enhanced contrast and greater brightness, the IN83 is the most powerful and versatile home cinema projector in InFocus' lineup, bright enough to watch sports in daylight with the lights on. When desired the brightness can be decreased for nighttime or dedicated dark theaters to achieve outstanding black-level performance.

2.35:1 scaling built-in

Leveraging the latest Pixelworks™ DNX™ 10-bit video processing, the IN83 is a master of full-HD reproduction. This outstanding processing, de-interlacing, and scaling performance is based on the "home theater of the year" IN82 and award-winning IN7x series. The IN83 hosts 2.35:1 Cinemascope/widescreen aspect ratio support without an external scaler (requires the Panamorph anamorphic lens, available separately).

True Colors at first sight

The IN83 is precalibrated for film standard color accuracy and exhibits none of the color decay often found with other projector technologies. The IN83's luminance measures at 1600 Max ANSI lumens after D6500K calibration. A rich 15000:1 contrast further enriches the image in theater rooms or mixed-use space. Utilizing the very latest in high definition connectivity the IN83 has onboard HDMI 1.3 inputs with Deep Color™ support. This new HDMI standard will display up to 1.07 billion colors for a smooth picture without color band artifacts. The IN83 also provides a complete suite of connections, including DVI and PC input, screen triggers, RS232, and an IR repeater input.

Just the Facts

1600 Lumens	bright images in high ambient light environments, SMPTE of 15.2"/4.6m
Contrast	15,000:1 with active iris/5,000:1 native
Connectivity	HDMI 1.3, Component, S-Video, Composite & RS232 Control
Lamp life	2500 hours
BrilliantColor™ Technology	true to life color reproduction
DLP® Technology	superior reliability and lower total cost of ownership
Warranty	standard 2 year projector, 6 month lamp warranty



The IN83's backlit remote control offers great looks with complete image adjustability.

Specifications

Native Resolution	Full HD 1080p (1920 x 1080)
Display Technology	DarkChip4 DLP® by Texas Instruments™ 7-segment (RGBRGBndG) color wheel
Brightness	Video Optimized 1600 Max ANSI lumens (1400 typical) SMPTE brightness up to 15.25 ft (4.6m) diagonal/1.0 gain screen
Contrast Ratio	5000:1 native (Max 15,000:1 using iris)
Video Processing	Digital Natural Expression™ (DNX) by Pixelworks™ 10-bit video decoder with Motion Adaptive De-Interlacing, Rich Color Processing, Video Enhancement Processing, Noise Reduction
Color Features	Up to 1.07 billion displayable colors with Deep Color™ (requires HDMI 1.3 source) Texas Instruments BrilliantColor™ Preset color gamma tables optimized by sourcetype. Individually adjustable RGB colors
Advanced Features	Automatic black level calibration, Digital vertical image shift, InFocus Color Gamut Calibrator utility support, ISF Day/Night modes (requires ISF Certified Calibration by professional installer)
Lamp Life and Type	2500 hrs (2000 hrs normal mode), 300W UHP
Compatibility	1080p/60/50/30/24, 1080i/60/50/35/24, 720p, 576p, 576i, 480p, 480i NTSC, PAL, SECAM, VESA, SXGA, XGA, SVGA, VGA
Digital Keystone Correction	±13° Vertical
I/O Connections	(1) HDMI (version 1.3) with HDCP (1) Component Video, YPbPr/RGBHV, RCA (1) Composite Video, RCA (1) S-Video, 4-pin mini DIN (1) Auxiliary input for 2nd video source (HDMI 1.3, DVI, VGA, or Component), M1-DA (2) 12V screen/aspect ratio trigger, 3.5mm mini jack (1) IR repeater input, Niles/Xantech compatible 3.5mm mini jack (1) RS232, male DB9
Projection Lens	Manual 1.2x zoom, F 2.6 - 2.8, f 39.1 - 46.9m, 136% offset Threaded focus ring for 72mm neutral density filter (available separately)
Throw Ratio	1.89 - 2.22:1 (Distance/Width)
Image Offset	136%
Aspect Ratio	16:9 (native), 4:3, 2.35:1 widescreen (requires anamorphic lens, available separately)
Projection Modes	Ceiling Front/ Ceiling Rear (built-in ceiling-mode sensor); tabletop w/swivel base (incl.)
Projection Distance	4.92' - 32.8' (1.5m - 9.9m)
Audible Noise	30 dB (33 dB normal mode)
Power Consumption	350W typical (375W Max)
Power Supply	100 - 240 Volts at 50 - 60 Hz
Operating Temperature	50 - 95° F (10 - 35° C) at 7500 ft (2286 m)
Storage Temperature	-7 - 140°F (-20 - 60°C), 80% Maximum Humidity
Dimensions	18.75" x 5.83" x 17" (476mm x 148mm x 432mm)
Weight	14.1 lbs (6.4kg)
Menu Languages	English, German, Spanish, French, Italian, Norwegian, Portuguese, Swedish, Russian, Japanese, Korean, Chinese (Simplified and Traditional)
Included	IN83 projector, AC Power Cord, 2M HDMI cable, M1-to-HDMI adapter, detachable cable cover, Swivel Base, Polishing Cloth, Play Big Remote Control with batteries, multi-language User's Guide, Warranty Card

* Product specifications, terms, and offerings are subject to change at any time without notice.
 ** Actual lamp life may vary based on the ambient environment and projector usage. Conditions that may affect lamp life include temperature, altitude, and rapidly switching the projector on and off.



Digital Inputs Include:
HDMI 1.3 w/ DeepColor™ & M1-DA/DVI

Component, Composite & S-Video inputs are flanked by RS-232 control & screen triggers

Warranty

Providing the highest quality products and support is very important to InFocus. Just one reason why the IN83 digital projector comes standard with a 2-year limited factory warranty (including parts and labor) and a 6-month limited lamp-replacement warranty. Extended product & lamp warranty programs are also available. For more information about warranty and service programs in your region, please visit: www.infocus.com/service

Optional Accessories

- Projection Screens (4:3, 16:10 & 16:9)
- Cables & Adaptors
- Ceiling Mount (SP-CEIL-UNIV)
- Security Locks (SEC-LOCK-01)
- Replacement Lamp (SP-LAMP-032)
- Panamorph™ 2.35:1 anamorphic lens (www.panamorph.com/infocus.html)



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