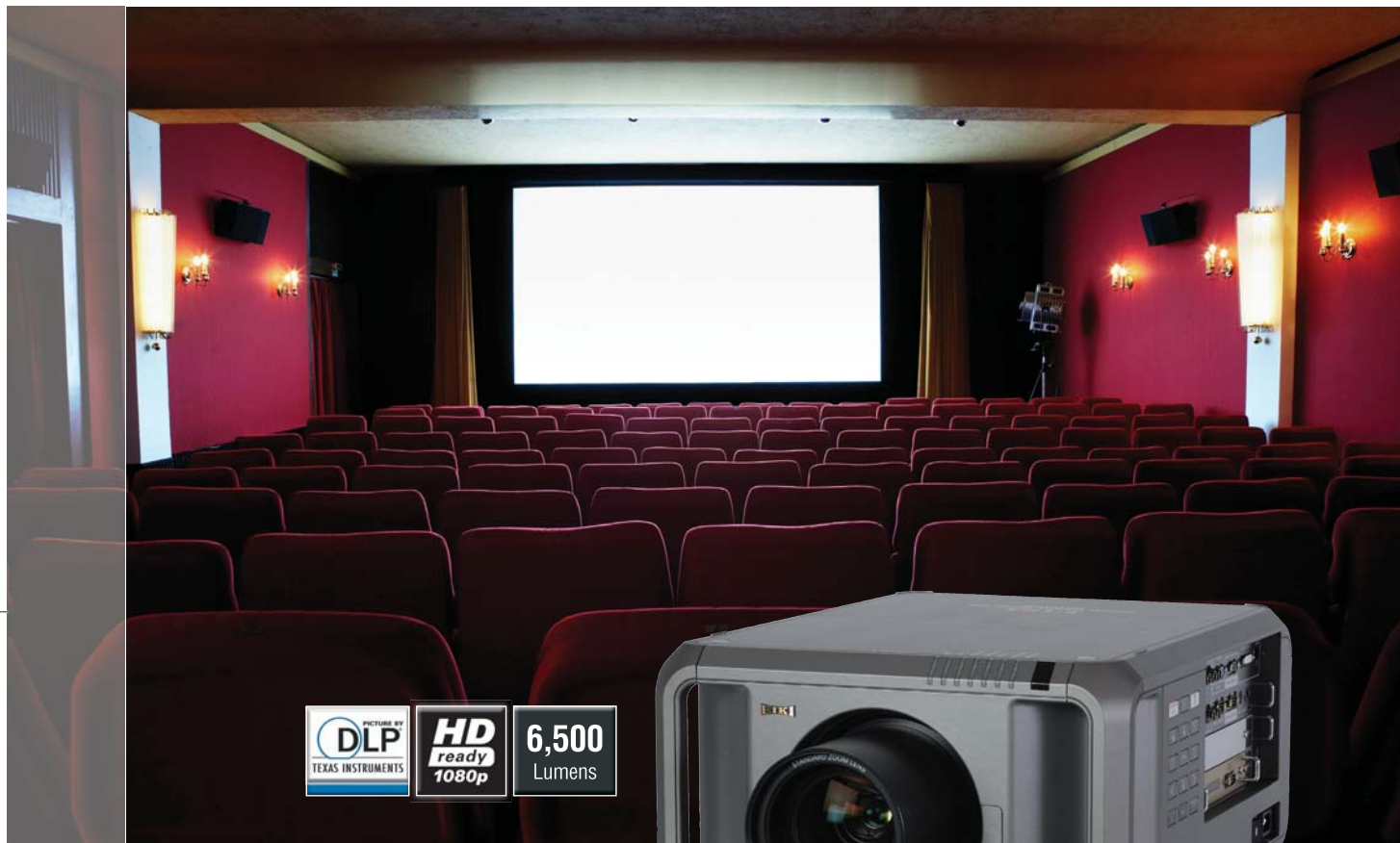


# EIP-HDT20

Full HD - 1080p DLP® Theater Projector



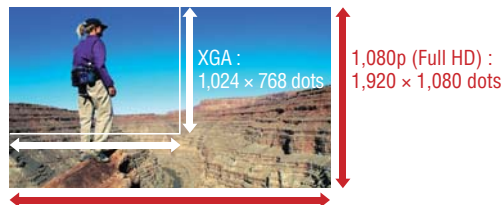
## Real Full HD resolution with high bright and beautiful image.



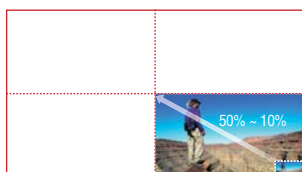
### Outstanding Features

- 1,080p at 6,500 Lumens, 7,500 : 1 Contrast, with DLP® imaging.
- User-changeable color wheels to optimize brightness or color.
- Built-in Mechanical Shutter.
- Low Maintenance : up-to 35,000 hour cartridge air filter.
- Extended Use : liquid-cooled DMD®, sealed optical engine.
- Picture-in-Picture. Picture-by-Picture. Edge Blending.
- Power zoom, focus, lens shift. Range of lenses and modules.

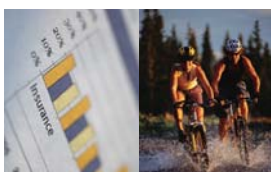
### Full HD 1080p resolution



### Picture-in-Picture



### Picture-by-Picture



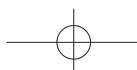
### Twin color wheels system



### Self-advancing cartridge air filter



#610 334 3747 (POA-FIL-131)



# EIP-HDT20 Full HD - 1080p DLP® Theater Projector

## ■ Lenses (option)



On Axis Short Fixed Lens  
AH-43002W (LNS-W52)  
F 2.0 f = 17.1



Short Zoom Lens  
AH-43001W (LNS-W51)  
F 2.3 ~ 2.7 f = 25.8 ~ 32.2



Short Zoom Lens  
AH-43000W (LNS-W50)  
F 2.0 ~ 2.1 f = 31.9 ~ 38.3



Standard Zoom Lens  
AH-43005S (LNS-S50)  
F 2.0 ~ 2.6 f = 38.5 ~ 60.0



Long Zoom Lens  
AH-43007T (LNS-T50)  
F 2.0 ~ 2.9 f = 59.3 ~ 106.7



Ultra Long Zoom Lens  
AH-43008T (LNS-T51)  
F 2.3 ~ 3.2 f = 101.3 ~ 168.8

## ■ Terminal/Remote control



## ■ Slot Board (option)



DVI Board  
AH-72003  
(POA-MD18DVI)



5-BNC Board  
AH-72015  
(POA-MD16VDI)



D-sub15 Board  
AH-72031  
(POA-MD04VGA)



Dual-SDI Board  
AH-72162  
(POA-MD17SDID)



Network Board  
AH-72142  
(POA-MD13NET2)



DVI/D-sub 15 Board  
AH-72004  
(POA-MD23ADI)



5-BNC/VIDEO Board  
AH-72511  
(POA-MD25VD3)



HD Data Wireless Board  
US : AH-18021N  
EU : AH-18051E  
UK : AH-18081G



HD Data Wireless Transmitter Box  
US : AH-18011N  
EU : AH-18041E  
UK : AH-18071G



**Hg**  
Lamp Contains Mercury.  
Do not put in trash.  
Dispose-of-as Hazardous  
Waste, according to the  
laws in your jurisdiction.

## ■ Specifications

Screen Brightness (ANSI)	Up to 6,500 Lumens (at 2-Lamp mode)
Illumination Uniformity	90 %
Contrast Ratio	7,500 : 1 (w/DynamicBlack™ High)
Projection Lamp	330 W UHP x 2
Estimated Lamp Life	2,500 / 2,000 H (Eco / Normal mode)
Imaging System	DLP 1-chip system. 0.95 inch, Aspect Ratio 16 : 9
Screen Pixels	1,920 x 1,080 in stripe configuration
Total Pixels	2,073,600 (1,920 x 1,080)
Lens Type	See specifications of selected lens
Lens Specs	F 2.0 ~ 2.6, f = 38.5 ~ 60.0 mm (with AH-43005S)
Lens Shift (U/D ratio, L/R ratio)	6.65 : -1 ~ -1 : 6.65, 10.7 : 1 ~ 1 : 10.7 (Power lens shift, with AH-43005S)
Lens Ratios	Zoom Max : Min : 1.56 : 1, Throw : Width : 1.8 ~ 2.8 : 1 (with AH-43005S)
Image Diagonal	50 ~ 600 inch (with AH-43005S)
Image Width	3.62 ~ 43.50 ft. (1.11 ~ 13.26 m) (with AH-43005S)
Throw Distance (Wide ~ Tele)	6.39 ~ 125.66 ft. (1.95 ~ 38.3 m) (with AH-43005S)
Front Elevation / Maximum pitch	Up to 5 degrees
Vertical Keystone Correction	± 30 degrees (V), ± 30 degrees (H)
Scanning Frequency	Auto : H Sync. 15 ~ 120 kHz, V Sync. 48 ~ 120 Hz
Dot Clock	230 MHz
Image Orientation	Normal, Reversed, Inverted
Remote Projector Control	Wireless (Infra Red) x 1
Service Port	USB type B x 1
Control Port (for RS-232 control)	Dsub 9 pin x 2 (in/out)
Computer Native Resolution	1,920 x 1,080 (Full HD)
Computer : Compatibility	WUXGA, UXGA, SWXGA+, WXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC... Analog
Computer : Formats	1,920 x 1,200 through 640 x 480
Video : HD Compatibility	480i/p, 575i/p, 720p, 1,080i

Formats Supported	Normal 4 : 3 and Wide Screen 16 : 9
Input 1	DVI-D (HDCP) x 1, HDMI (Ver.1.3b : Deep color) x 1, Dsub 15 x 1
Input 2	5BNC (RGBHV, Y-Pb/Cb-Pr/Cr, Video) x 1, Mini DIN 4-pin (S-Video) x 1
Input 3	Detachable slot x 1 (empty)
Input 4	RJ45 (100 Base-TX / 10 Base-T) x 1, Dsub 9 Serial Port (RS232C) x 1 (Detachable slot : AH-72142 <POA-MD13NET>)
Monitor Output	Dsub 15 (Component) x 1
Fan Noise	36 / 39 dBA (Eco / Normal mode)
Cabinet Size (H x W x D)	9.21 x 15.74 x 20.47 in. (234.0 x 400.0 x 520.0 mm)*
Weight	43.7 lbs. (19.8 kg)
Packaged Size (H x W x D)	20.78 x 17.28 x 25.62 in. (439 x 528.0 x 651 mm)
Packaged Weight	55.1 lbs. (25.0 kg)
Power Requirements	100 ~ 120 / 200 ~ 240 V AC, 50 / 60 Hz
Power Consumption / Heat	Up to 846 W / 2,887 BTU/hr (727 Kcal/hr)
Power Cord	10' (3 m) Type, Detachable
Electrical Safety Compliance	UL, cUL, IEC
Electromagnetic Compatibility	FCC, CE Mark
Operating Temperature	41 ~ 104 °F (5 ~ 40 °C)
User Maintenance	Replace cartridge air filter, Replace Lamps Owner's Manual (+CD-ROM) x 1, Quick guide x 1, Remote control (with 2 "AA" type batteries) x 1, Wired remote cable, AC Power cord, Computer cable x 1, Rich color reproduction color wheel set x 1 (2 pieces), Cable cover 1-type (support cover x 1, cover x 1), Fixing bracket for power cord x 1, Real Color Manager Pro (CD-ROM), Lens hole cover x 1, PIN code label x 1, (High Brightness color wheel set is installed in projector at shipping)
Standard Accessories	
Optional Accessories	Replacement Filter Cartridge, Replacement Lamp, Ceiling Mount, Ceiling Post and Plate

\* Excluding protrusion

Talk to your EIKI Dealer... the "pro" in projectors.

**EIKI**  
Projectors & Beyond

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