

Optoma **HD72i**



HD72i **DarkChip2 DLP™ Projector**

For Professional of Home Theater



Excellent Video and Digital specification

- Advanced Texas Instruments 0.65" WXGA DarkChip2 DMD Technology
- High contrast ratio 5000 : 1
- Dual true resolution support :
 - (i) WXGA 1280 x 768 (16 x 10), native widescreen signal
 - (ii) 720P 1280 x 720 (16 x 9), native 720P HDTV compatible
- Dual digital HD connectivity (HDMI & DVI-I support HDCP function)

Professional color and image adjustment design

- 7 segment color wheel with 4X speed
- BrilliantColor™ Image technology
- Build-in multi-Gamma and color adjustment setting for each signal (By True Vivid image technology)
- Integrated image manipulation including : Format , Overscan, Zoom as well as Digital image shift.

High performance image processing

- High performance image Scalar : TI DPP3020 (10 Bit Image processing)
- Faroudja DCDi™ De-interlacer for premium image quality and smoothness on 3:2 and 2:2 pull down process.

Perfection design for Home theater used

- Ultra low noise level only 27dB
- Backlight user friendly IR remote control
- TiO2 Photo Catalyst air purifier

Specifications	HD72i
Display Technology	0.65 inch / 12 degree WXGA DarkChip2 DMD from Texas Instruments.
Native Resolution	Dual native resolution (1) 1280x768 WXGA, (2) 1280x720, 720p capability
Brightness (Bright mode) / Contrast Ratio	1300 ANSI Lumens / 5000 :1
Projection Lens	Throw ratio : 1.58 ~1.9:1 ; f=22.25 – 26.69 mm, F/2.5~2.8 ; Short throw Lens ;1.2 X manual zoom / focus lens.
Image shift	Up/Down, Left/Right digital Image shift
Projection Image Size / Distance	36 to 323 inches / 1m ~ 11m
Keystone Correction	Vertical & Horizontal ±15°,
Aspect Ratio	Native on 16:10 (WXGA 1280 x 768) Native on 16:9 (HDTV 720P 1280 x 720) widescreen, 4:3 compatible
Scan Rate	Horizontal : 31.5~100kHz ; Vertical : 56~85Hz
Video Compatibility	HDTV (480p, 576p, 720p, 1080i), 480i,576i,Full NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM,Computer capability up to SXGA+
Input / Output Connections	HDMI x 1,DVI-I (PC/DVI, analog RGB, HDTV ,SCART,component) x 1, Component:YCbCr/ YPbPr (RCA) x1, S-Video x1 ,Composite Video x 1, +12V Relay output x1, Serial RS-232 for control x 1, USB (service port) x 1, IR receivers x 2 (front and top) .
Uniformity	90 %
Noise	27dB in standard mode / 29dB in bright mode
Lamp Type	220-watt OSRAM User Replaceable lamp
Lamp Life	3000 hours in normal mode / 2000 hours in brite mode
Power Supply	Universal AC 100 - 240 volts, 50/ 60Hz
Power Consumption	285W (Operating) , < 13W(Stand by)
Dimensions (W x D x H) / Weight	347 x 245 x 94 (mm) / 7 pounds (3.1kg)



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*The appearance and specifications of all items are subject to change without notice