

# Optoma **HD73** DarkChip3 DLP™ Projector

Professional of Home Theater

## Excellent Video and Digital specification

- Advanced Texas Instruments 0.65" **WXGA DarkChip3 DMD** Technology
- High contrast ratio **6000 : 1** (with image AI)
- Dual true resolution support :
  - WXGA 1280 x 768** (16 x 10 ), native widescreen signal
  - 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

- **6 segment RGBRGB** color wheel with **5X speed**
- **BrilliantColor™** Image technology provide true color
- 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



WXGA / HD720P  
Dual Resolution  
**NATIVE**

**HDTV**  
COMPATIBLE

Image**AI**

tr<sup>ue</sup>vi<sup>vid</sup>

PICTURE BY  
**DLP**  
TEXAS INSTRUMENTS

**O<sub>2</sub>air™**

**HDMI™**  
HIGH DEFINITION MULTIMEDIA INTERFACE

**DVI**  
HDCP COMPLIANT

**DCDi™**  
by FAROUDJA

Specifications	HD73
Display Technology	0.65 inch / 12 degree <b>WXGA DarkChip3 DMD</b> from Texas Instruments.
Native Resolution	Dual native resolution (1) 1280x768 WXGA (2) 1280x720, 720p capability
Brightness (Bright mode) / Contrast Ratio	1100 Lumens / 6000 :1 (with Image AI ON)
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 / 1.5m ~ 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
Video Compatibility	HDTV (480p, 576p, 720p, 1080i/p), 480i,576i, Full NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM, ,HDMI(480i/p,576i/p,720p,1080i/p), 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 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)

**Optoma**  
High-Definition Lifestyle

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