

# H57

## Professional Native Widescreen Digital Cinema

Optoma's native widescreen H57 features DarkChip2™ technology from Texas Instruments. It stands to outperform Big-Ticket competitors with superior picture quality, black level of 3000:1 contrast ratio, and super quiet operation on 28dB. Fully compatible with every digital and analog source, the H57 has DVI-HDCP/HDMI, Component (RCA), S-video, composite Video, and RS232 communication.

- ◆ True 576p resolution with UXGA maximum resize
- ◆ 1100 lumens rating with 3000:1 high contrast ratio
- ◆ Revolutionary Shield Design reduces light leakage and whisper quiet at 28dB
- ◆ Industry-leading video processing and independently adjustable color matrix
- ◆ Convenient DVI-HDCP, VGA, component (RCA), composite, and S-video, RS232 input
- ◆ Minimum throw ratio of 1.57:1
- ◆ Adjustable cooling fan speed settings for higher altitude



### Specifications

**Brightness:**  
1100 ANSI lumens

**Resolution:**  
576p Native (1024 x 576)  
UXGA (1600 x 1200) resize

**Contrast Ratio:**  
3000:1 (Full On/Full Off)

**Lamp Life and Type:**  
3000 hours, 250W UHP lamp

**Display Type:**  
0.7" 576p DarkChip2™ technology from Texas Instruments

**Weight:**  
7.5 pounds (3.4 kg)

**Throw Ratio**  
1.57 – 1.87:1

**Image Size (diagonal):**  
24.6 to 246 inches (0.6 to 6.24 meters)

**Projection Distance:**  
3.9 to 32.8 feet (1.2 to 10 meters)

**Compatibility:**  
X VGA, SVGA, XGA, WXGA, UXGA compression  
Full NTSC/PAL/SECAM, VESA, Mac, PC  
True HDTV (720p, 1080i) & 480/p, 576i/p

**Horizontal Scan Rate:**  
15 to 100 kHz

**Vertical Refresh Rate:**  
43 to 120 Hz

**I/O Connectors:**  
DVI-I w/HDCP, Composite(RCA), VGA input (Analog, RGB/Component/HDTV), S-Video, composite video, RS-232

**Power Consumption:**  
320 watts (maximum)  
<35 watts (standby mode)

**Power Supply**  
AC Input 100 ~ 240V, auto-switching power supply

**Operation Temperature:**  
23 – 95 °F (-5 – 35 °C)  
80% maximum humidity

**Projection Lens:**  
F= 2.6~2.85, f=22.3~26.8mm, 1:1.2 Manual Zoom and Focus

**Noise Level:**  
28dB

**Dimensions (W x H x D):**  
13.4 x 5 x 10.3 inches  
(340 x 127 x 260mm)

**Standard Accessories:**  
AC power cord, HDMI to DVI, Composite Video, S-video cable, remote control, battery for remote, lens cap, user manual, quick start guide, warranty card

**Optional Accessories:**  
Ceiling Mount Kit  
15-pin to 3 RCA component/HDTV adapter / SCART adapter  
Extended Warranty Gold Service

**Limited Warranty:**  
Two year, limited parts and labor

**UPC:**  
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