

# Optoma H27

## Native 16:9 Wide Screen DarkChip2™ DLP™ projector

- **Advanced DarkChip2™ DLP™ technology by Texas Instruments**
- **Fully HDTV compatible with 720p, 1080i and DVI with HDCP output for maximum clarity**
- **O<sub>2</sub>air™ - Photocatalysis air-purification technology - creates photocatalytic reaction eliminates odors**
- **ImageAI™ - Image Auto intensifier auto adjust video output for an amazing high contrast and details**
- **850 lumens and 2500:1 contrast for superior color reproduction**
- **Convenient DVI w/HDCP, Component, VGA, S-video, RS232**
- **Adjustable color matrix allows for reds, greens and blues to be independently controlled**



## Specifications

### Display Type:

0.54-inch DarkChip2™ DLP™ technology from Texas Instruments

### HDTV:

720p, 1080i, SDTV (480i), EDTV (480p), 576i/p

### Resolution:

854 x 480 480p (native)

### Projection Lens:

F/ 2.6~2.8, f = 22.34 ~ 26.8mm  
1.2 Zoom Lens; Manual focus and zoom

### Brightness:

850 Lumens (typical)

### Refresh Rates:

15.75 to 68.70 kHz Horizontal  
48 to 85 Hz Vertical

### Contrast Ratio:

4000:1 (w/ ImageAI™)

### Lamp Type and Life:

200-watt SHP lamp  
2,000 (BriteMode™)  
3,000 hours (STD)

### Dimensions (W x H x D):

10.4x4.11x9.3 inches

### Throw Ratio: (Distance/Width)

1.87~2.25:1

### Weight:

5.5 pounds (2.49kg)

### Image Size (diagonal):

30.1" to 300" inch

### Noise Level:

27 dB (STD)

### Projection Distance:

3.9 to 39.4 feet

### User Controls:

Onscreen Menu Adjustments  
Supports Ten Languages

### Compatibility:

SVGA, VGA, SXGA compression  
VESA, Macintosh, Full  
NTSC/PAL/SECAM

### Power Supply:

100-240 volts, 180 watts, 50/60 Hz

### Power Consumption:

265 watts (max), standby <5 watts

### I/O Connectors:

DVI-D with HDCP, RCA  
Component (YPbPr), VGA, S-Video, composite video (RCA), RS-232, AC Power, IR receivers

### Temperature:

Operating Temperature  
50° – 104°F (10° – 40°C)  
Humidity 80% maximum

### Standard Accessories:

Composite cable, S-video cable, Remote control, battery, lens cap, User Manual, quick start guide, and Warranty card

### Optional Accessory:

HDMI to DVI adapter, RS232 cable (1.8 m). Ceiling Mount Kit, carrying case, x0.8 short throw lens, and Extended Warranty

### Competitive Warranty:

Two years, 90-days on lamps

**UPC Code:** 796435 11 570 8