

## TH1020 – Multimedia Projector

### High Resolution, High Flexibility for Demanding Applications

The native 1080p TH1020 DLP projector unleashes the power of your presentations to engage your audience with stunning graphics and razor-sharp high-resolution images. Lightweight at 6.4 lbs. and bright at 3000 ANSI lumens, the TH1020 is loaded with a wide range of convenient connectivity options including HDMI. The TH1020 transcends the ordinary to deliver extraordinary projection performance.

### Features

- Native 1080p DLP® by Texas Instruments with BrilliantColor™ Technology
- Bright images and high contrast ratio – 3000 ANSI lumens and 2200:1 contrast ratio (full on/full off)
- Rapid power-on and shutdown – Saves you time and money
- Filter-free design for low cost of ownership
- Protect your investment – Control panel lock and password protection allow you to customize security settings
- Wide range of connectivity options, including HDMI

### Specifications

#### Display Type

Single 0.65" DMD DLP Technology by Texas Instruments

#### Resolution

Native HD (1920 x 1080)

#### Brightness (Typical)

3000 ANSI Lumens

#### Contrast Ratio

2200:1 (Full On/Full Off)

#### Lamp Life and Type\*

4000/3000 Hours (STD/Bright)  
230W P-VIP

#### Throw Ratio

1.5 to 1.8:1 (Distance/Width)

#### Projection Distance

4.92' to 32.8' (1.5 to 10m)

#### Image Size (Diagonal)

37.6" to 301.1" (0.92 to 9.21m)

#### Offset

116%

#### Displayable Colors

1.07 Billion

#### Uniformity

85%

#### Audio

8-Watt Speaker

#### Remote Control

IR Remote with Mouse and Laser Pointer

#### User Controls

Complete On-Screen Menu Adjustments in 23 Languages

#### Computer Compatibility

HD, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized, VESA, PC and Macintosh Compatible

#### Video Compatibility

NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)

#### Monitor Loop Through

D-Sub 15-Pin VGA Output (Functional in both Normal and Standby Modes)

#### Projection Lens

F=2.55-2.87, f=22.41-26.82mm, 1.2x Manual Zoom and Focus

#### User Controls

Complete On-Screen Menu Adjustments in 23 Languages

#### I/O Connectors

HDMI, VGA-In, VGA-Out, S-Video, Composite Video, Stereo RCA Audio-In, Stereo Audio-In, Stereo Audio-Out, RS-232, USB and 12V trigger.

#### Security

Kensington® Lock, Security Bar and Keypad Lock

#### Projection Method

Front, Rear, Ceiling Mount, Table Top

#### Weight

6.4 lbs (2.9kg)

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

12.76" x 3.82" x 9.21"  
(324 x 97 x 234 mm)

#### Noise Level (STD/BRIGHT)

28dB/30dB



#### Keystone Correction

±20° Vertical

#### Horizontal Scan Rate

15.3 - 91.1 KHz

#### Vertical Refresh Rate

24 - 85 Hz

#### Operating Temperature

41 to 104°F (5 to 40°C), 85% Max Humidity

#### Power Supply

AC Input 100-240V, 50-60Hz, Auto-Switching

#### Power Consumption

339 Watts (Bright), 281 Watts (STD), <1 Watt (Standby)

#### Standard Accessories

AC Power Cord, VGA to VGA Cable, Remote Control, Batteries for Remote, Carrying Case, Lens Cap, Multilingual CD-ROM User's Manual, Quick Start Card and Warranty Card

#### Optional Accessories

HDMI Cable, Ceiling Mount, VGA to Component Adapter, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens

#### Warranty

3-Year Limited Parts and Labor, 1-Year on Lamp

#### UPC

796435 41 151 0

#### Accessory Part Numbers

Lamp: BL-FP230D  
Mount: BM-5001U  
Remote: BR-5030L  
Case: BK-4028

\* Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness may decrease over time.