

M.150

Technical Specifications

www.sim2.com/home/en/content/m150

The M.150 utilizes a 0.95" DarkChip4 DLP® chipset, SUPER PureLED and active 3D⁽¹⁾ technologies. SUPER PureLED technology is a true all-digital system, with a trio of LEDs (red, green and blue) acting as both light and color source for the DLP® chipset. The projector features color space specifications for a wide variety of applications, delivering 128% NTSC and HDTV (REC. 709) color standards, as well as AdobeRGB and CINEMA. The M.150 delivers 1,000 lumens light output and a contrast ratio of 100,000:1 with DynamicBlack™ technology. SIM2 has made 3D vision the most natural attainable. The video processing ensures that the image is correctly separated so that each eye (right and left) sees only the view dedicated to it. Also, the system has been endowed with three user modes, each optimized for the varying demands of sports and 3D viewing: PureFilm, PureAction and PureAction 3D (120 Hz). The M.150 is offered in crystal-glass surfaced black (BG).

TYPICAL APPLICATIONS

Medium/large media rooms and family/games room with moderate ambient light.

⁽¹⁾ A SIM2 3D emitter and glasses pack is required to initiate 3D feature (sold separately).

 SINGLE-CHIP DLP FULL HD (1080p)	 SUPER PURELED TECHNOLOGY	 30,000 HOURS LED LIFETIME
 3D ACTIVE TECHNOLOGY (120 Hz)	 AdobeRGB & CINEMA COLOR GAMUTS	>100,000:1 icon"/> >100,000:1 CONTRAST RATIO
 ULTRA-FAST ON/OFF HIGH SPEED COMMUTING	 LED LIQUID COOLING ADVANCED SYSTEM	 28 KG (61.7 lbs) PROJECTOR WEIGHT

DISPLAY

Technology: 1 x 0.95" chip DMD
Resolution: Full-HD - 1920 x 1080 pixels
Light source: Super PureLED
3D features⁽¹⁾ and SIM2's PureAction 2D/3D & PureMovie 2D technology
SIM2 DynamicBlack™ Technology enhanced solution (digital)
Overlap™ Technology
Contrast ratio (Full ON/OFF): >100,000:1 with DynamicBlack™
Brightness⁽¹⁾: up to 1,000 Ansi Lumens
Expected LED lifetime: 30,000 hours

INSTALLATION

Lens Options (throw ratio): 1.5-2.1:1 (type T1) and 2.1-3.9:1 (type T2) with +/- 5% tolerance; 0.675:1 (type ST)
Optical shift: Motorized Vertical up to +60% / down -25%, Horizontal +/-8%
Digital Keystone: Vertical and Horizontal
Picture size (inches diagonal): 65-200
Aspect ratio: 4:3, 16:9, Anamorphic, Letterbox, Panoramic, pixel-to-pixel, subtitle + 3 custom-user adjustments

ELECTRONICS AND CONNECTIVITY

Horiz. & Vertical scan freq.: 15-80 kHz/48-120 Hz
Color System: PAL (B,G,H,I,M,N,60); SECAM; NTSC 3.58; NTSC 4.43; **PC graphic standards:** VGA, SVGA, XGA, SXGA, UXGA, WUXGA; **SDTV:** 480i/p, 576i/p; **HDTV:** 720p 50/60, 1080i 50/60, 1080p 24/50/60 + 576p
Color Space selection: HDTV - EBU - SMPTE-C - ADOBE RGB - CINEMA

INPUTS/OUTPUTS

2x HDMI (v.1.4 with Deep Color)
 1x Composite Video (RCA)
 1x Graphic RGBHV (D-sub HD15 pins)
 1x Component - YCbCr/RGBs (RCA)
 1x RS-232 (D-sub 9 pins)
 1x USB (B type)
 3D Sync Out
 3x 12V 100mA output

GENERAL SPECIFICATIONS

Software control: upgradable via RS-232 serial interface or USB
Power supply: 100-240 VAC +/-10% (48/62 Hz)
Power consumption: max. 370W
Projector weight: 28 kg. / 61.7 lbs
Projector dimensions (WxHxD): 420 x 202 x 532 mm (16.5" x 8" x 21")
Projector shipping weight: 32 kg / 70.6 lbs
Projector packaging dimensions (WxHxD): 590 x 310 x 700 mm (23.2" x 12.2" x 27.6")

STANDARD ACCESSORIES

Installation and user manual, AC power cords (2m-6.6 ft); backlit remote control and batteries
 EasyLED software 2.0



⁽¹⁾ ANSI Lumens specification: This is the typical projector brightness specification found in most sales literature. This measurement allows for direct comparison with other manufacturer's projectors. Measurements are taken in a totally dark test room and in compliance with ANSI IT7.228-1997 specification.

ORDERING CODES

PRODUCT NAME ⁽²⁾	EAN CODE
M.150T1BG	8025581006380
M.150T2BG	8025581006397
M.150STBG	8025581006489

⁽²⁾ Product name = pj model + lens type + cabinet color

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Due to constant product development, specifications are subject to change without notice. Leaflet M.150 - October 2012

OPTIONAL ACCESSORIES



SIM2 VISUS Active glasses
(4 pcs.) + emitter⁽¹⁾
RF - EAN code 8025581006502



SIM2 VISUS Luxury Box
8 additional Active glasses
IR - EAN code 8025581006038
RF - EAN code 8025581006526



SIM2 VISUS SYSTEM Luxury Box
7 Active glasses + emitter
IR - EAN code 8025581006021
RF - EAN code 8025581006519



PANAMORPH Anamorphic lens systems⁽¹⁾
Static - EAN code 8025581006564
Motorized⁽²⁾ - EAN code 8025581006571



High Quality ISCO Anamorphic lens systems⁽¹⁾
Static - EAN code 8025581006588
Motorized⁽²⁾ - EAN code 8025581006595



Universal Ceiling/Wall bracket
EAN code 8025581006441

⁽¹⁾ A SIM2 3D emitter and glasses pack is required to initiate 3D feature

⁽¹⁾ Available only with lens type T2. PANAMORPH and ISCO systems include an integrated ceiling bracket for projector, lens and ⁽²⁾ motorized sled.

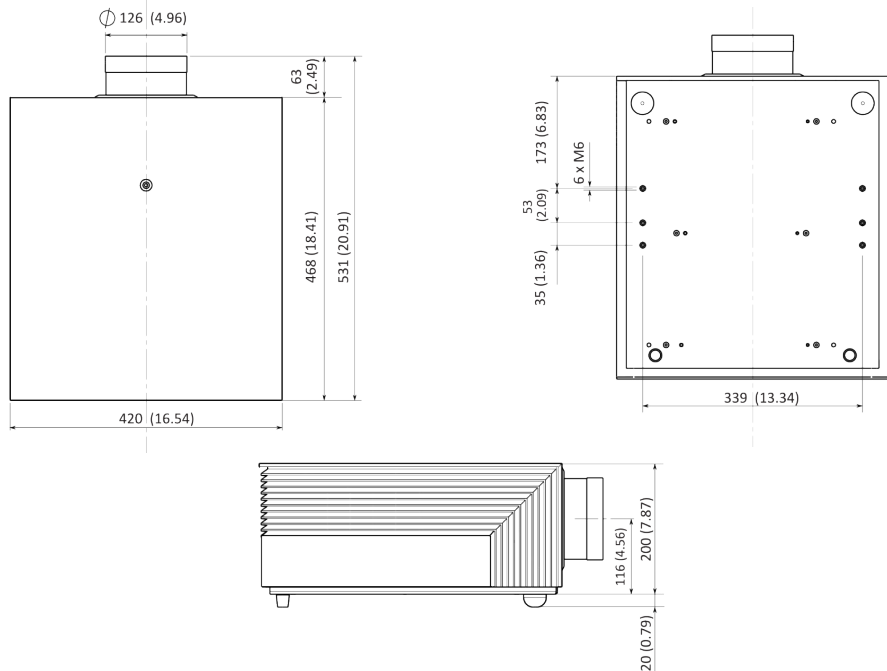
CHOICE OF DIFFERENT LENS OPTIONS FOR FLEXIBILITY IN INSTALLATIONS

Diagonal screen size (16:9 aspect ratio)	LENS T1 (1.5-2.1:1)		LENS T2 (2.1-3.9:1)	
	min.	max.	min.	max.
72"	2.4 m / 7' 10"	3.3 m / 10' 10"	3.4 m / 11' 2"	6.2 m / 20' 4"
84"	2.8 m / 9' 2"	3.9 m / 12' 10"	4.0 m / 13' 1"	7.2 m / 23' 7"
92"	3.1 m / 10' 2"	4.2 m / 13' 9"	4.3 m / 14' 1"	7.9 m / 25' 11"
100"	3.4 m / 11' 2"	4.6 m / 15' 1"	4.7 m / 15' 5"	8.6 m / 28' 3"
133"	4.4 m / 14' 5"	6.0 m / 19' 8"	6.1 m / 20'	11.2 m / 36' 9"
150"	5.0 m / 16' 5"	6.9 m / 22' 8"	7.0 m / 22' 11"	12.9 m / 42' 4"
200"	6.7 m / 21' 11"	9.3 m / 30' 6"	9.4 m / 30' 10"	17.2 m / 56' 5"

Throw distance: it is recommended not to use the minimum or maximum projector throw ratios for your installation. Accurate positioning of the projector is better achieved by avoiding these two extremes.

Due to constant product development, the calculated projection distance and value may have a margin of error. Please check with your SIM2 representative prior to placing the order..

PROJECTOR'S DIMENSIONS - MEASURES = MM (INCHES)



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