



**MITSUBISHI
ELECTRIC**

MULTIMEDIA DATA/VIDEO PROJECTORS

Changes for the Better



Brightness
2100lm



SD420U

MOBILE SVGA PROJECTOR

Quick to shoot, simple to stow.
Projector for all seasons, and spaces.

*Instant
Shut down*

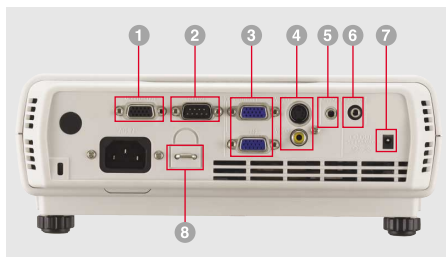




SD420U

MOBILE SVGA PROJECTOR

Input and Output Terminals



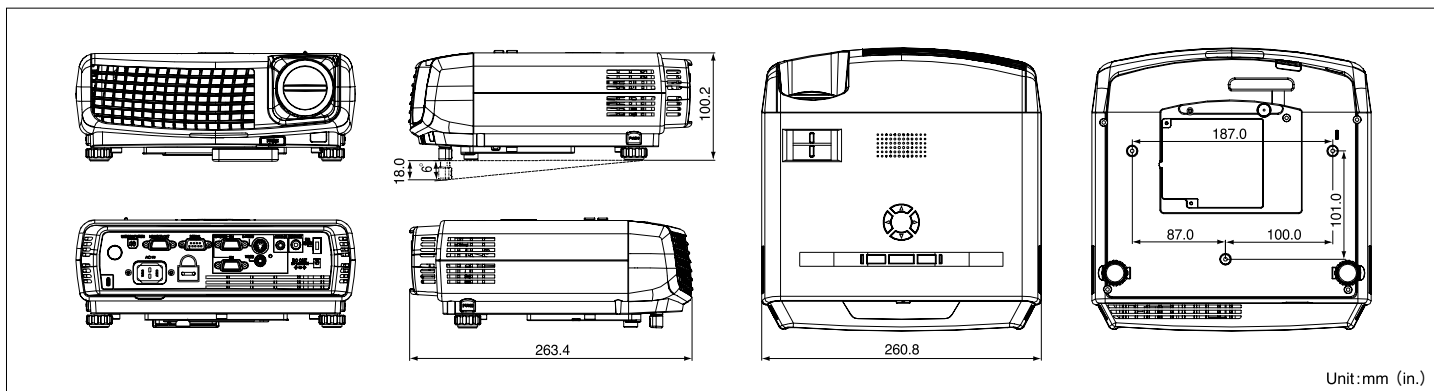
- 1 PC / Component Video output
- 2 Serial RS-232C
- 3 PC / Component Video input (mini D-sub 15pin)
- 4 S-Video / RCA
- 5 Audio input
- 6 Audio output
- 7 DC Out
- 8 Security Hook

Specifications

Model	SD420U
Display technology	0.55"1-Chip DMD, 12deg. DDR, DDP2000
Resolution	800×600 (total 480,000 pixels), 550 Video lines
Brightness	2100lm
Contrast	2000 : 1 (on/off)
Picture Size	40"~300"(100"=3.2m)
Source lamp	184W (Shut Off Time 4000Hrs) with Low Mode 230W (Shut Off Time 2000Hrs)
Computer compatibility	640×400 ~1024×768 True: 800×600, Sync on green available
Video compatibility	NTSC/NTSC4.43/PAL(including PAL-M, N)/SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p(625i/p), 720p(750p), 1080i(1125i 60Hz), 1080i(1125i 50Hz)
PC input terminals	mini D-sub 15pin×2
Video input terminals	Video: RCA×1+S-video×1, Audio: stereo mini jack(ø3.5)×1
Output terminals	RGB: mini D-sub 15pin×1, DC Out: 5V 1.5A(MAX) Audio: stereo mini jack(ø3.5)×1
Communication terminals	RS-232C(D-sub 9pin)×1
Audio speaker	2W mono
Dimension(W×H×D)	261×87×265mm(excluding height adjustment)
Weight	2.6kg/5.7lbs
Power supply	AC100 - 240V, 50/60Hz
Optional lamp	VLT-XD420LP

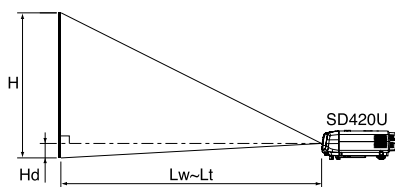
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Dimensions



Screen size and Projection distance

As seen from the side



Screen size chart

Screen (4:3 aspect ratio)						Distance from screen (L)		Height projected image (Hd)	
Diagonal size	Width (W)	Height (H)	Maximum Zoom	Minimum Zoom	Height projected image (Hd)	Maximum Zoom	Minimum Zoom	Maximum Zoom	Minimum Zoom
inch	cm	inch	cm	inch	cm	inch	m	inch	m
40	102	32	81	24	61	50	1.3	60	1.5
60	152	48	122	36	91	76	1.9	91	2.3
80	203	64	163	48	122	101	2.6	121	3.1
100	254	80	203	60	152	126	3.2	151	3.8
150	381	120	305	90	229	189	4.8	227	5.8
200	508	160	406	120	305	252	6.4	302	7.7
250	635	200	508	150	381	315	8.0	378	9.6
300	762	240	610	180	457	378	9.6	—	—

Screen (16:9 aspect ratio)						Distance from screen (L)		Height projected image (Hd)	
Diagonal size	Width (W)	Height (H)	Maximum Zoom	Minimum Zoom	Height projected image (Hd)	Maximum Zoom	Minimum Zoom	Maximum Zoom	Minimum Zoom
inch	cm	inch	cm	inch	cm	inch	m	inch	m
40	102	34.9	89	19.6	50	55	1.4	66	1.7
60	152	52.3	133	29.4	75	82	2.1	99	2.5
80	203	69.7	177	39.2	100	110	2.8	132	3.3
100	254	87.2	221	49.0	125	137	3.5	165	4.2
150	381	130.7	332	73.5	187	206	5.2	247	6.3
200	508	174.3	443	98.1	249	275	7.0	329	8.4
250	635	217.9	553	122.6	311	343	8.7	412	10.5
300	762	261.5	664	147.1	374	412	10.5	—	—

The above numbers are approximate, and may be slightly different from the actual measurements.

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To find out more about SD420U and our projectors, visit us at

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