ES100U

PREMIUM SVGA
DLP™ PROJECTOR

The Mitsubishi ES100U is premium, full-featured SVGA projector developed for the most demanding classrooms and meeting rooms. With high brightness and rich contrast, the ES100U offers unbeatable value in displaying brilliantly impressive pictures from various computer and video sources.

PERFECT FOR BUSINESS, SCHOOLS, AND EVEN HOME ENTERTAINMENT.

- Designed filter-free for low maintenance and higher reliability.
- Available lamp conservation mode that runs up to 2,000 hours in full brightness, or up to 5,000 hours in low-lamp mode.
- 2000:1 High Contrast display richer, more vivid colors in computer graphics and video images.
- Total connectivity solutions offers simultaneous connection of up to two computers and two video playback sources.
- Variable audio-output support allows sound to be directly amplified and routed from the projectors to external speakers.
- sRGB Compliance enables Ms-Windows vibrant color settings support in one easy, user-friendly setting.
- Higher-throw axis reduces image distortions when projecting to higher screens or white boards with height restrictions.
- Password protection on Menu access prevents unauthorized settings, keeping the projector secure even in public access locations such as classrooms or meeting rooms.

MITSUBISHI ELECTRIC

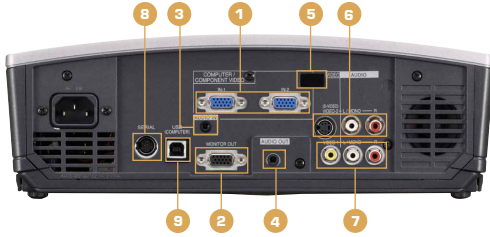PRESENTATION PRODUCTS
REVOLUTIONIZINGCOLOR™

1.888.307.0349
www.mitsubishi-presentations.com

Designed for
Microsoft
Windows NT
Windows 98

Mac

ISO 9001 QUALITY ASSURANCE

PICTURE BY DLP A TEXAS INSTRUMENTS TECHNOLOGY

3 YEAR WARRANTY

E.R.A.

ES100u

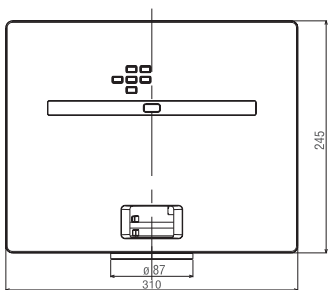## PREMIUM SVGA DLP™ PROJECTOR

INPUT AND OUTPUT TERMINALS:

1. RGB IN X 2
2. RGB OUT X 1
3. AUDIO IN
4. VARIABLE AUDIO OUT
5. REMOTE IR
6. S-VIDEO
7. COMPOSITE VIDEO
8. RS-232C
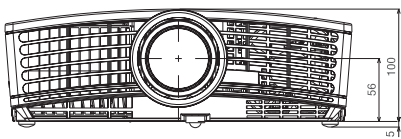9. USB (MOUSE PORT)

IMPRESSIVE PICTURE QUALITY:

sRGB: Developed to ensure standard, uniform color reproduction regardless of the type of display used, sRGB color profile technology uses independent color coordinates common to all display technologies. As a result, it helps to eliminate hue variations that occur between different display systems and more accurately matches the way colors look in real life.

NON-sRGB   ACTUAL OBJECT   sRGB

DIMENSIONS: units measured in millimeters (mm)

TOP VIEW

FRONT VIEW

⋯ SPECIFICATIONS:

DISPLAY TECHNOLOGY	0.55" Wide, 1-Chip DMD, 12 deg. DDR, DDP2000
RESOLUTION	800 x 600 (Total 480,000 pixels), 600 Video Lines
BRIGHTNESS	2000 lumens
COLOR	16,770,000 colors, 4 seg. Color Wheel (R/G/B/W)
CONTRAST RATIO	2000 : 1 (on/off)
ZOOM/FOCUS	Manual Focus & Zoom Lens
PROJECTION LENS	F= 2.4 - 2.7, 100"@ 3.5 m (Wide)
OFF SET AXIS	3 : -1 up (No variable lens shift)
PICTURE SIZE	40-300 (inch)
SOURCE LAMP	250W (Shut Off Time 2000 Hrs) with Low Mode (200W : Shut Off Time 5000 Hrs)
PC COMPATIBILITY	Resolution: 640 x 480 - 800 x 600 + Compressed 1024 x 768 Sync on Green available
VIDEO COMPATIBILITY	NTSC/NTSC 4.43/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)

INPUT TERMINALS		
	RGB:	Mini D-sub 15pin x 2
	Audio:	Stereo Mini Jack (ø 3.5mm) x 1
	Video:	RCA x 1 + S-VIDEO x 1
	Audio:	RCA (L, R) x 2

OUTPUT TERMINAL		
	RGB:	Mini D-sub 15pin x 1
	Audio:	Stereo minijack (ø 3.5mm) x 1

COMMUNICATION TERMINAL	RS-232C (8pin) x 1, USB terminal for Page Up/Down	
SCANNING RATE	[H]	15 - 80 kHz
	[V]	50 - 85 Hz
	[Dot Clock]	max 110 MHz
AUDIO SPEAKER	2 W Mono	
HEIGHT ADJUSTER	One Push Rear Leg (-1 to 7 degree variable)	

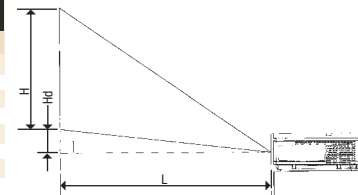|	
OUTSTANDING FEATURE	• sRGB specification mode
	• Digital keystone-correction for Vertical (Manual)
	• Video Line Doubler (DDP2000) ; 2:3 pull-down
	• 3D-Y/C
	• 10 Languages OSD
	• Password Lock (MENU access only)
HAND REMOTE UNIT	(1) Projector Fully Control
	(2) Power Point Page Up/Down via USB
POWER CONSUMPTION	340 W /3.5 A
DIMENSION (W*H*D)	12.20"(W) x 3.93"(H) x 9.64"(D) (exclude height adjuster)
PROJECTOR WEIGHT	6.5 lbs (2.9 kg)
POWER REQUIREMENTS	AC 100 - 240V /±10%, 50/60 Hz
FAN NOISE	37 dBA (Low Mode 32dBA), sea-level
PACKAGE DIMENSION (W*H*D)	16.25"(W) x 11.49"(H) x 13.89"(D)
TOTAL PACKAGE WEIGHT	13.6 lbs (6.2 kg)

SUPPLIED ASSESSORIES	AC Power Cable: 2.9m (USA type x 1, EUR continetal type x 1)
	AV cable 1.5m (3 wires)
	RGB cable: 1.8m
	USB cable: 1.8m (for Mouse)
	RS-232C cable: 1.8m
	Remote Unit (incl. Battery)
	Soft Carrying Case
	Quick Start Card
	User Manual CD (Eng/Fre/Ger/Ita/Spa/Chi/Port)
	Safety Manual
OPTIONAL ACCESSORIES	Spare Lamp bulb (VLT-XD400LP), Ceiling mount bracket (PROJ-UCM)

WARRANTY		
	Projector:	3-Year Limited Warranty (Parts & Labor)
		2-Year Express Replacement Assistance (ERA)
	Lamp:	1-Year or 1,000 Hours (Whichever Comes First)

PROJECTION DISTANCE AT EACH SCREEN SIZE:

SCREEN						DISTANCE FROM SCREEN (L)				Hd	
Diagonal Size		Width		Height		Max.Zoom		Min.Zoom			
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	m
40	102	32	81	24	61	51	1.3	62	1.6	-2.8	-7.2
60	152	48	122	36	91	77	2.0	94	2.4	-4.3	-10.9
80	203	64	163	48	122	103	2.6	125	3.2	-5.7	-14.5
100	254	80	203	60	152	130	3.3	157	4.0	-7.1	-18.1
150	381	120	305	90	229	196	5.0	237	6.0	-10.7	-27.1
200	508	160	406	120	305	262	6.6	316	8.0	-14.2	-36.2
250	635	200	508	150	381	327	8.3	-	-	-17.8	-45.2
300	762	240	610	180	457	393	10.0	-	-	-21.4	-54.3

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