Shenzhen SMX Display Technology Co., Ltd

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SMX 20000 Lumen 3LCD Laser Projector		
Model		
	Model#	MX-X20000U
	Photo	
	Brightness(Lumen)	20,000
Overall Spec		
Panel	Display Panel	3x1.0"
	Display Technology	Liquid Crystal Display
	Native Resolution	WUXGA (1920 x 1200)
Laser Life time	Normal mode	20000hrs
	ECO mode	30000hrs
Projection Lens (STD)	Len Model	MX-EG12ZLM(More lens pls check the len sheet)
	Zoom/Focus	Motorized
	Throw Ratio (16:10)	1.24-2.01 @100inch
	F	1.8-2.24
	f	27.7-44.3mm
	Zoom Ratio	1.62
	Screen size	60-500 inch
	Lens Shift V	±65%
	Lens Shift H	±25%
CR	Contrast Ratio(Min)	3,000,000:1
Noise	Noise(dB)	Full：46db / Normal:44db / Eco1:43db / Eco2:42db
Uniformity	Uniformity	TYP：90%
AR	Aspect Ratio	Native:16:10 Compatible: 4:3/16:9/normal/16:6

Terminal(I/O port)		
Input	VGA	*1
	HDMI 1.4(IN)	*2
	USB-A	*1
	USB-B	*1（Display）
	RJ45	*1（Display）
	DVI-D	*1
	HD BaseT	*1
	Audio in(mini jack,3.5mm)	*1 (VGA/DVI-D share)
	DMX512	*1
Output	HDMI 1.4(OUT)	*1
	Audio out (mini-jack,3.5mm)	*1
Control	RS232C (Input)	*1
	RS232C (Output)	*1
	Wired Remote(IN)	*1
	Wired Remote(OUT)	*1
General Spec		
Audio	Speaker	N/A
Power Consumption	Power Requeirements	100~240V@ 50/60Hz
	Power Consumption (Full) (Max)	1155W
	Power Consumption (Normal) (Max)	1000W
	Power Consumption (ECO1) (Max)	825W
	Power Consumption (ECO2) (Max)	580W
	ECO Standby Mode Power Consumption	<0.5W
Temp.&Humidity	Operating Temp.	0 to 50°C
	Operating Thumidity.	20%-80%
	Store Temp.	-10 to 50°C
	Store Humidity.	20%-80%
Other Functions		
Keystone	Keystone Correction	V: ±30° H：±30° Pincushion/Barrel Correction 6 Corner Geometry correction Grid ImageTune correction
LAN Control	LAN Control-RoomView (Crestron)	Yes
	LAN Control-AMX Discovery	Yes
	LAN Control-PJ Link	Yes

Scanning Frequency	H-Synch Range	15~100KHz
	V-Synch Range	24~85Hz
Display Resolution	Computer Signal Input	VGA, SVGA, XGA, SXGA,WXGA,UXGA,WUXGA,4K@30Hz
	Video Signal Input	480i, 480p, 576i, 576p, 720p, 1080i and 1080p
SW setting	Auto Setup	INPUT SEARCH,AUTO PC,
	Blank	Yes
	Suspend	Yes(5miniutes no singnal as default)
	Picture mode	Bright，Standardl，Cinema，Colorboard，DICOM, Blackboard(Green), Advanced
	Cooling time	0s,30s,Normal
	High altitude	Yes(1400~3050m)
	Auto Ceiling	Yes
	D-Zoom	1~33
Others	360° projection	360° Install
	Edge Blending	Yes
	Adjustable brightness	Yes
	Lens position memory, lens locking function	Yes
	Closed, dustproof design, free of maintenance and replacement of the filter screen	Yes
	DMX512 lighting protocol	Yes
	LED	4LED
	OSD Mute	Yes
	Timer switch	Yes
	Button function definition (confirm modify or not)	Yes
	Dynamic power control (constant brightness mode)	Yes
Dimension&Weight(Not including len)		
	Product Size (WxHxD mm)	599X240.2X493.8mm
	Net. Weight (KG)	28.9Kg
	Packaging (WxHxD mm)	745**370*630
	Gross. Weight (KG)	34Kg
	Package	Carton
Accessory		
	Manual Languages	Chinese,English
	Standard Accessaries	Power cord (3m,Black), Remote control

Optional Lens							
Model#		**MX-EG05ZLM**	**MX-EG06ZLM**	**MX-EG08ZLM**	**MX-EG12ZLM**	**MX-EG20ZL**	**OL-EG39ZLM**
Image circle		Φ34.6	Φ35.5	Φ37.9	Φ37.9	Φ37.9	Φ37.9
Lens Type		Zoom Lens ST3	Zoom Lens ST2	Zoom Lens ST1	Zoom Lens STD	Zoom Lens L1	Zoom Lens L2
Zoom/Focus		Motorized	Motorized	Motorized	Motorized	Motorized	Motorized
F#(Wide-Tele)		1.85-2.20	1.84-2.25	1.80-2.24	1.80-2.24	1.84-2.58	1.85-2.42(TBD)
f(mm)		12.0-14.6	14.4-19.1	19.0-27.6	27.7-44.3	43.8-86.0	86.8-163.5(TBD)
Throw ratio(16:10)		0.53-0.65	0.65-0.87	0.86-1.25	1.24-2.01	1.98-3.95	3.95-7.50(TBD)
Zoom Ratio		1.23	1.34	1.45	1.62	1.99	1.90(TBD)
Lens shift	**H**	±20%	±20%	±25%	±25%	±25%	±25%
	V	±50%	±55%	±65%	±65%	±65%	±65%
Screen Size		60-500inch	60-500inch	60-500inch	60-500inch	60-500inch	60-500inch
					Standard Len		