

5 YEAR/
10,000 HOUR*
WARRANTY

LOW
MAINTENANCE

MERCURY
FREE



 LampFree
CASIO Green Technology

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*Whichever comes first

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Model			Core				Large Venue	UST				Advanced			Green Slim Series	
Specification			XJ-V1	XJ-V10X	XJ-V100W	XJ-V110W	XJ-L8300HN	XJ-UT310WN	XJ-UT311WN	XJ-UT351WN	XJ-F10X	XJ-F20XN	XJ-F210WN	XJ-A142 XJ-A147	XJ-A252 XJ-A257	
Technology			XGA 0.55" DLP® chip	XGA 0.55" DLP chip	WXGA 0.65" DLP chip	WXGA 0.65" DLP chip	DLP® chip × 1, DLP® system	DLP® chip × 1, DLP® system	DLP® chip × 1, DLP® system	DLP® chip × 1, DLP® system	XGA 0.55" DLP chip	XGA 0.55" DLP chip	WXGA 0.65" DLP chip	XGA 0.55" DLP® chip	WXGA 0.65" DLP® chip	
Light Source			Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser	Laser & LED	Laser & LED	Laser & LED	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	
Life Expectancy			20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	
Brightness (ANSI Lumens)			2700	3300	3000	3500	5,000	3,100	3,100	3,500	3300	3300	3500	2500	3000	
Intelligent Brightness Control			-	Available (Manual)	Available (Manual)	Available (Manual)	-	Available (Auto / Manual)	Yes	Yes	Available (Manual)	Available (Manual)	Available (Manual)	Available (Auto / Manual)	Available (Auto / Manual)	
Contrast Ratio			20,000:1	20,000:1	20,000:1	20,000:1	-	1800:1	20000:1	20000:1	20,000:1	20,000:1	20,000:1	1800:1	1800:1	
Native Resolution			XGA (1024x768 pixels)	XGA (1024 x 768 pixels)	WXGA (1280 x 800 pixels)	WXGA (1280 x 800 pixels)	4K UHD (3840 x 2160 pixels)	WXGA (1280 x 800 pixels)	WXGA (1280 x 800 pixels)	WXGA (1280 x 800 pixels)	XGA (1024 x 768 pixels)	XGA (1024 x 768 pixels)	WXGA (1280 x 800 pixels)	XGA (1024 x 768 pixels)	WXGA (1280 x 800 pixels)	
Max Signal Resolution			UXGA / W5XGA+	WUXGA	WUXGA	WUXGA	3840 × 2160	UXGA / W5XGA+	1920 x 1200 resizing	1920 x 1200 resizing	WUXGA	WUXGA	WUXGA	UXGA / W5XGA+	UXGA / W5XGA+	
Lens	Standard zoom		11 x optical zoom (manual)	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	Fixed	Fixed	Fixed	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	2x optical zoom (electronic)	2x optical zoom (electronic)	
	Focus		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Electronic	Electronic	
	Offset		72%	50%	33%	33%	100%	118% (60°)	70%	70%	50%	50%	33%	50%	33%	
Fan Noise			35dB (default)	35dB (default)	35dB (default)	35dB (default)	-	33 dB (default) / 28dB	-	-	35dB (default)	35dB (default)	35dB (default)	35dB (default)	35dB (default)	
Keystone Correction (Vertical)			+/- 30° (manual)	Auto: +30° (Manual: ±30°)	Auto: +30° (Manual: ±30°)	Auto: +30° (Manual: ±30°)	-	Manual +/- 5°	Manual +/- 5°	Manual +/- 5°	Auto: +30° (Manual: ±30°)	Auto: +30° (Manual: ±30°)	Auto: +30° (Manual: ±30°)	+/- 30° (Auto)	+/- 30° (Auto)	
Screen Size (diagonally)			30 - 300"	30 - 300"	35 - 300"	35 - 300"	-	50 - 100"	50 - 110"	50 - 110"	30 - 300"	30 - 300"	35 - 300"	15 - 300"	18 - 300"	
Throwing Distance	60" screen		1.79 to 199m	1.95 to 2.87m	1.64 to 2.42m	1.64 to 2.42m	-	0.13m	0.13m	0.13m	1.95 to 2.87m	1.95 to 2.87m	1.64 to 2.42m	1.7m to 3.4m	1.4m to 2.8m	
	100" screen		3.07 to 3.41m	3.33 to 4.85m	2.81 to 4.11m	2.81 to 4.11m	-	0.4m	0.4m	0.4m	3.33 to 4.85m	3.33 to 4.85m	2.81 to 4.11m	2.8m to 5.6m	2.4m to 4.8m	
Throw Ratio			1.54-1.711	1.64-2.461	1.32-1.931	1.32-1.931	-	0.281	0.281	0.281	1.64-2.461	1.64-2.461	1.32-1.931	1.4 - 2.81	1.15 - 2.31	
Inputs	Computer	Input	1 x 15-pin RGB mini D-sub (VGA)	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	mini D-Sub 15pin x1 *Not supported 4K signals	2 x 15pin RGB mini D-sub	2 x 15-pin RGB mini D-sub	2 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub (VGA)	1 x 15-pin RGB mini D-sub (VGA)	
		Output	-	-	-	-	mini D-Sub 15pin×1 *Not supported 4K signals	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	-	-	-	-	-	
	Digital input		1 x HDMI type A (480p–1080p)	1 x HDMI type A (480p–1080p)	1 x HDMI type A (480p–1080p)	1 x HDMI type A (480p–1080p)	1 x HDMI Type A (HDMI2.0 / HDCP2.2), 1 x HDMI Type A (HDMI1.4/HDCP1.3)	1 x HDMI type A	1 x HDMI Type A	2 x HDMI Type A	2 x HDMI type A (480p–1080p)	2 x HDMI type A (480p–1080p)	2 x HDMI type A (480p–1080p)	1 x HDMI type A (480p–1080p)	1 x HDMI type A (480p–1080p)	
	Video		-	-	-	-	-	1 x RCA (composite)	1 x RCA (composite)	1 x RCA (composite)	1 x RCA (composite)	1 x RCA (composite)	1 x RCA (composite)	1 x RCA composite (via supplied AV cable)	1 x RCA composite (via supplied AV cable)	
	S-Video		-	-	-	-	-	1 x S-Video	-	-	1 x S-Video	1 x S-Video	1 x S-Video	-	-	
	Component video		Shared with RGB input terminal	Shared with RGB input terminal	Shared with RGB input terminal	Shared with RGB input terminal	YCbCr/YPbPr (Shared with RGB input)	via 2 x D-sub 15-pin	YCbCr/YPbPr (Shared with RGB input)	YCbCr/YPbPr (Shared with RGB input)	Shared with RGB input terminal	Shared with RGB input terminal	Shared with RGB input terminal	Via D Sub 15-pin	Via D Sub 15-pin	
	Audio	Input	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	-	2 x 3.5mm stereo mini jack	2 x 3.5 mm stereo mini jack	2 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	-	-	
		RCA R/L terminals	-	-	-	-	-	RCA pin terminal (L/R) x 1	-	-	-	RCA R/L terminals	RCA R/L terminals	RCA R/L terminals	-	-
	Output		1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack	2 x 3.5 mm stereo mini jack, 1 x MIC	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack (Variable audio output)	From HDMI input only	From HDMI input only
	RS-232C serial		Yes	Yes	Yes	Yes	RS-232C(D-Sub 9pin) ×1	1 x 9-pin mini D-sub	RS-232C (D-sub 9 pin) × 1	RS-232C (D-sub 9 pin) × 1	Yes	Yes	Yes	YK-60 (optional accessory)	YK-60 (optional accessory)	
	WLAN		-	-	-	-	No	Yes	IEEE 802.11 b/g/n (2.4GHz)	IEEE 802.11 b/g/n (2.4GHz)	-	Yes (optional with YW-40 adapter)	Yes (optional with YW-40 adapter)	XJ-A147 only	XJ-A257 only	
	LAN terminal		-	-	-	-	RJ-45 x1	RJ-45 x1	RJ-45 x1	RJ-45 x1	-	1 x RJ-45	1 x RJ-45	-	-	
	USB		Micro-USB TypeB X1 For firmware update	Micro-USB TypeB X1 For firmware update	Micro-USB TypeB X1 For firmware update	Micro-USB TypeB X1 For firmware update	1 x Type-A/DC 5V 2A	1 x USB type A	1 x Type-A/DC 5V 2A	1 x Type-A/DC 5V 2A	Micro-USB type B × 1 For logo data registration firmware update	Micro-USB type B × 1 For logo data registration firmware update	Micro-USB type B × 1 For logo data registration firmware update	1 x USB type A (XJ-A147 only) Micro-USB type B, Logo transfer/ Firmware update (XJ-A147 only)	1 x USB type A (XJ-A257 only) Micro-USB type B, Logo transfer/ Firmware update (XJ-A257 only)	
Interactive pointing			-	-	-	-	No	2 x USB type B	No	No	-	-	-	-	-	
Speaker			-	-	-	-	No	16W x1 Monaural	16W x1 Monaural	16W x1 Monaural	16W, Monaural	16W, Monaural	16W, Monaural	1W	1W	
Instant Off			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Time to Full Brightness			5 secs	5 secs	5 secs	5 secs	-	5 seconds	5 seconds	5 seconds	5 secs	5 secs	5 secs	8 secs	8 secs	
Power Consumption	Max		150W	Bright mode: 180W Normal mode: 155W	Bright mode: 150W Normal mode: 135W	Bright mode: 190W Normal mode: 165W	-	MAX 250W	170W	200W	Bright mode: 195W Normal mode: 170W	Bright mode: 195W Normal mode: 170W	Bright mode: 205W Normal mode: 175W	155W	165W	
	Eco Off		120W	145W	125W	155W	-	185W	160W	185W	160W	160W	165W	115W	120W	
	Eco On Level 1		0.23W	0.23W	0.23W	0.23W	-	0.4W (LAN off), 4.8W (LAN on)	0.12W	0.12W	0.23W	0.23W	0.23W	0.4W	0.4W	
Standby			0.23W	0.23W	0.23W	0.23W	-	0.4W (LAN off), 4.8W (LAN on)	0.12W	0.12W	0.23W	0.23W	0.23W	0.4W	0.4W	
Colour			White	White	White	White	White	White	White	White	White	White	White	White	White	
Dimensions (W x D x H) mm			267 x 270 x 89	299 x 299 x 97	299 x 299 x 97	299 x 299 x 97	471 x 565 x 206	413 x 333 x 153	338 x 333 x 153	338 x 333 x 153	299 x 299 x 97	299 x 299 x 97	299 x 299 x 97	297 x 210 x 43	297 x 210 x 43	
Weight			2.8kg	3.5kg	3.5kg	3.5kg	20kg	5.7kg	5.7kg	5.7kg	3.5kg	3.5kg	3.5kg	2.3kg	2.3kg	
Box Contents			Remote Control (YT-150), Power Cable Test Batteries (AAA-size × 2), Safety Precautions	Remote Control (YT-151), Power Cable Test Batteries (AAA-size × 2), Safety Precautions			Wireless Remote Control, Test Batteries (AA-size × 2), Power Cable, RGB Cable, Warranty Card, Start-up Guide, Safety Precautions	Remote Control (YT-140), YW-40 Wireless Adapter, RGB Cable, Power Cable, Set-up Guide, Carrying Bag, YM-80 Wall Mount	Wireless Remote Control (YT-131), Test Batteries (AAA-size × 2), Power Cable, Wireless LAN Adaptor (YW-40) (XJ-UT311WN only), RGB Cable, Warranty Card, Safety Precautions			Remote Control (YT-141), Power Cable Test Batteries (AAA-size × 2), Safety Precautions			Remote Control (YT-130), RGB Cable, Wireless Adapter (USB models only), Power Cable, Soft Carry Case, User Manual (printed)	

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XJ-V10X, XJ-V100W, XJ-V110W

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XJ-L8300HN