

CompactView SX50-OS

Technical Details

Display	Technology	Single chip DLP™ projector LVDS DMD™ with DarkChip3™ Colour wheel options: Dual 3-segment, 3x speed Dual 4-segment, 2x speed
	Concept	prism-based, powered lens shift system
	Resolution	1400 x 1050 pixels (SXGA+)
	Brightness	5500 ANSI lumens (max)
	Contrast	7500 : 1 (max on / off)
	Aspect ratio	4:3 (16:9 and 5:4 compatible)
	Displayable colours	16.8 million, 24-bit RGB
	Image processing latency	~1 frame on graphics port
Compatibility	Computer compatibility	UXGA, SXGA+, SXGA, XGA, SVGA, VGA 1920 x 1080 - 640 x 480 pixel resolution RGBHV, RGBS, RGsB custom formats available
	Horizontal scan frequency	15 - 150 kHz (resolution dependant)
	Vertical scan frequency	48 - 190 Hz (resolution dependant)
	Video compatibility	HDTV (1080i / 720p) EDTV (576p, 480p) SDTV (576i, 480i) NTSC, PAL, SECAM
Optics	Standard projection lens	1.7 - 2.5 : 1 (distance : width) (EN11)
	Throw ratio	0.5 - 40m (depending on lens)
	Image size (diagonal)	0.5 - 20m
	Focusing distance	0.5m - infinity (depending on lens)
	Ultra wide angle lens	0.8 : 1 fixed focal (on axis) (EN12)
	Wide angle lens	1.2 : 1 fixed focal (EN15)
	Wide angle zoom	1.3 - 1.7 : 1 zoom (EN13)
	Short telescopic zoom	2.5 - 4.0 : 1 zoom (EN14)
	Long telescopic zoom	4.0 - 7.0 : 1 zoom (EN16)
	Lamp	2x250W UHP™
	Lamp life	6000 hrs (eco lamp relay mode) 3000 hrs (eco dual mode) 1700 hrs (full power mode)

Inputs/Outputs	Computer input(s)	1 x VGA (15-pin HDDSUB) 1 x RGBHV, RGBS, RGsB, YUV (5x BNC) 1 x DVI (DVI-D)
	Video input(s)	1 x YPbPr component video (3xRCA) 1 x S-video (4-pin mini DIN) 1 x composite video (RCA)
	Audio input(s)	N/A
	Control and communication	RS232 in/out (9-pin DSUB male/female) 1 x TCP/IP (RJ-45) 1 x USB 2 x 12V triggers (screen / aspect) IR Remote with ID
	Monitor re-drive	1 x VGA (15-pin HDDSUB)
	Audio output	n/a
Supplied accessories	Cables	2m VGA cable 2m S-video cable 2m USB cable 4m power cord (country specific)
	Other	RC remote control product documentation
General	Operating noise level (dB)	30 dB(A) typical at sea level
	Dimensions (D x W x H)	376 x 510 x 223 mm / 14.8 x 20.0 x 8.8 in
	Weight	12.6 kg/27.8 lbs plus lens (1.9 kg/4.2 lbs to 2.6 kg/5.5 lbs).
	Power requirements	100 - 240 VAC, 50/60 Hz, +/- 10% <1050 W
	Conformances	CE, UL, cUL, FCC Class A
	Operating temperature	0 - 40C / 32 - 104F (0 - 1500m)
	Operating humidity	20 - 90% RH
	Storage conditions	20 - 90% RH
	Available colours	Black
	Warranty	2 years, optional 3rd year warranty available. Lamp 500 hours or 90 days (whichever comes first)
	MTBF	n/a
BTU / hr	<2900	