



DICOM SIMULATION MODE FOR MEDICAL IMAGING

Canon offers a full line of projectors ideal for those in the medical education and training fields. Each model features Canon's special DICOM Simulation Mode which allows for the viewing of monochrome digital X-Rays, CAT Scans and MRI's with accurate color and precise detail. This mode simulates the results of devices compliant with the Digital Imaging and Communications in Medicine (DICOM) Part 14 standard.*



REALiS WUX5000 D REALiS WUX4000 D

- ▶ DICOM Simulation Mode
- ▶ Native WUXGA Resolution (1920 x 1200)
- ▶ Three Projection Lens Options
- ▶ 5000 Lumens / 4000 Lumens
- ▶ AISYS-enhanced LCOS Technology
- ▶ Motorized Lens Shift for Flexible Installation
- ▶ Versatile Connectivity (HDMI and DVI-D)
- ▶ RJ-45 Connection for Remote Network Operation



REALiS WX6000 D

- ▶ DICOM Simulation Mode
- ▶ Native WXGA+ Resolution (1440 x 900)
- ▶ New LCOS Panels with 96% Aperture Ratio
- ▶ Three Projection Lens Options
- ▶ 5700 Lumens
- ▶ Improved AISYS 4.1 Technology
- ▶ Outstanding White Balance
- ▶ Improved Energy Efficiency
- ▶ Versatile Connectivity (HDMI and DVI-I)
- ▶ RJ-45 Connection for Remote Network Operation



REALiS SX6000 D

- ▶ DICOM Simulation Mode
- ▶ Native SXGA+ Resolution (1400 x 1050)
- ▶ New LCOS Panels with 96% Aperture Ratio
- ▶ Three Projection Lens Options
- ▶ 6000 Lumens
- ▶ Improved AISYS 4.1 Technology
- ▶ Outstanding White Balance
- ▶ Improved Energy Efficiency
- ▶ Versatile Connectivity (HDMI and DVI-I)
- ▶ RJ-45 Connection for Remote Network Operation



REALiS WUX10 Mark II D

- ▶ DICOM Simulation Mode
- ▶ Native WUXGA Resolution (1920 x 1200)
- ▶ 3200 Lumens
- ▶ AISYS-enhanced LCOS Technology
- ▶ Genuine Canon 1.5x Powered Zoom Lens
- ▶ Versatile Connectivity (HDMI and DVI-I)
- ▶ RJ-45 Connection for Remote Network Operation



REALiS SX7 Mark II D

- ▶ DICOM Simulation Mode
- ▶ Native SXGA+ Resolution (1400 x 1050)
- ▶ 4000 Lumens
- ▶ AISYS-enhanced LCOS Technology
- ▶ Genuine Canon 1.7x Powered Zoom Lens
- ▶ Versatile Connectivity (DVI-I)



REALiS SX80 Mark II D

- ▶ DICOM Simulation Mode
- ▶ Native SXGA+ Resolution (1400 x 1050)
- ▶ 3000 Lumens
- ▶ AISYS-enhanced LCOS Technology
- ▶ Genuine Canon 1.5x Powered Zoom Lens
- ▶ Versatile Connectivity (HDMI and DVI-I)
- ▶ RJ-45 Connection for Remote Network Operation



REALiS WUX5000 D / WUX4000 D / WX6000 D / SX6000 D / WUX10 Mark II D / SX7 Mark II D / SX80 Mark II D

SPECIFICATIONS

ITEM NAME		REALiS WUX5000 D	REALiS WUX4000 D	REALiS WX6000 D	REALiS SX6000 D	REALiS WUX10 MARK II D	REALiS SX7 MARK II D	REALiS SX80 MARK II D	
ITEM CODE		5748B008	4964B005	5757B013	5749B013	4231B005	4233B008	4232B005	
IMAGING DEVICE		0.7" LCOS Reflective LCD Panels x 3		0.70" LCOS Reflective LCD panels x 3	0.72" LCOS Reflective LCD Panels x 3	0.7" LCOS Reflective LCD Panels x 3	0.7" LCOS Reflective LCD Panels x 3	0.55" LCOS Reflective LCD Panels x 3	
ASPECT RATIO		16:10		16:10	4:3	16:10	4:3	4:3	
NATIVE RESOLUTION		1920 x 1200 (WUXGA)		1440 x 900 (WXGA+)	1400 x 1050 (SXGA+)	1920 x 1200 (WUXGA)	1400 x 1050 (SXGA+)	1400 x 1050 (SXGA+)	
BRIGHTNESS		5000 Lumens	4000 Lumens	5700 Lumens	6000 Lumens	3200 Lumens	4000 Lumens	3000 Lumens	
UNIFORMITY		88%		88%	88%	88%	88%	88%	
CONTRAST RATIO		1000:1		1000:1	1000:1	1000:1	1000:1	900:1	
BASIC	LENS SHIFT <i>The maximum upward shift and the maximum horizontal shift cannot be used simultaneously.</i>	VERTICAL	Standard Zoom Lens: Down 15% ~ Up 55% Long Focus Zoom Lens: Down 15% ~ Up 55% Ultra Wide-Angle Lens: Down 5% ~ Up 5%		Standard / Long Focus Zoom Lenses: Down 15% ~ Up 55% Ultra Wide-Angle Lens: Down 5% ~ Up 5%	Standard / Long Focus Zoom Lenses: Down 12% ~ Up 50% Ultra Wide-Angle Lens: Down 5% ~ Up 5%	N / A	N / A	
		HORIZONTAL	Standard Zoom Lens: Left 10% ~ Right 10% Long Focus Zoom Lens: Left 10% ~ Right 10% Ultra Wide-Angle Lens: Left 2% ~ Right 2%		Standard / Long Focus Zoom Lenses: Left 10% ~ Right 10% Ultra Wide-Angle Lens: Left 2% ~ Right 2%	Standard / Long Focus Zoom Lenses: Left 10% ~ Right 10% Ultra Wide-Angle Lens: Left 2% ~ Right 2%	N / A	N / A	
	KEYSTONE CORRECTION	VERTICAL	Standard Zoom Lens: - 11° / + 20° Long Focus Zoom Lens: ± 20° Ultra Wide-Angle Lens: ± 13°		± 20°	± 20°	± 20° (Auto/Manual)	± 20° (Auto/Manual)	± 20° (Auto/Manual)
		HORIZONTAL	Standard Zoom Lens: ± 20° Long Focus Zoom Lens: ± 20° Ultra Wide-Angle Lens: ± 20°		± 20°	± 20°	± 20° (Manual)	± 20° (Manual)	N / A
IMAGE MODE		PC: DICOM SIM Mode, Standard, Presentation, Vivid Photo, Users (1-5) Video: Dynamic, Photo/sRGB/Video, Cinema, User (1-5)		Standard, Presentation, Vivid Photo, Photo/sRGB, DICOM SIM (WX6000 D only), Dynamic, Video, Cinema, User 1-5	Standard, Presentation, Vivid Photo, Photo/sRGB, DICOM SIM (SX6000 D only), Dynamic, Video, Cinema, User 1-5	DICOM SIM Mode, Standard, Presentation, Movie, sRGB, Photo	DICOM SIM Mode, Standard, Presentation, Movie, Photo, Adobe RGB, sRGB	DICOM SIM Mode, Standard, Presentation, Movie, sRGB, Photo	
COLOR ADJUSTMENTS		Color (Level, Temperature, Balance) Gain & Offset (Red, Green, Blue)		Color (Level, Temperature, Balance) Gain & Offset (Red, Green, Blue)	Color (Level, Temperature, Balance) Gain & Offset (Red, Green, Blue)	6-Axis Color Adjustment	6-Axis Color Adjustment	6-Axis Color Adjustment	
MOUNTING		Ceiling / Rear / Rear-Ceiling / Upwards / Downwards		Ceiling, Rear, Rear-Ceiling, Upward, Downward	Ceiling, Rear, Rear-Ceiling, Upward, Downward	Ceiling / Rear / Rear-Ceiling	Ceiling / Rear / Rear-Ceiling	Ceiling / Rear / Rear-Ceiling	
TILT ANGLE		Adjusting feet up to 6 degrees		Adjustable feet up to 6 degrees	Adjustable feet up to 6 degrees	Adjusting feet up to 10 degrees	Adjusting feet up to 10 degrees	Adjusting feet up to 10 degrees	
DIGITAL PC INPUT		WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA		UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA	UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA	WUXGA / UXGA / WSXGA+ / SXGA+ / WSXGA / SXGA / WXGA / XGA / SVGA / VGA	SXGA+ / SXGA / WXGA / XGA / SVGA / VGA	SXGA+ / SXGA / WXGA / XGA / SVGA / VGA	
ANALOG INPUT		WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA		UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA	UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA	WUXGA / UXGA / WSXGA+ / SXGA+ / WSXGA / SXGA / WXGA / XGA / SVGA / VGA	UXGA / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA	UXGA / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA	
SCANNING FREQUENCY		H:15~75 kHz, V:50~60 Hz	H:15~75 kHz, V:50~85 kHz	H:15.625~75 kHz, V:50~60.317 Hz	H:15.625~75 kHz, V:50~60.317 Hz	H:15~75 kHz, V:50~100 Hz	H:15~100 kHz, V:50~85 Hz	H:15~75 kHz, V:50~85 Hz	
DOT CLOCK		162 MHz or less		162 MHz or less	162 MHz or less	170 MHz or less	170 MHz or less	170 MHz or less	
VIDEO INPUT		N/A		N/A	N/A	NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N	NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N	NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N	
DIGITAL VIDEO INPUT		1080p / 1080i / 720p / 576p / 480p		1080p / 1080i / 720p / 576p / 480p	1080p / 1080i / 720p / 576p / 480p	1080p / 1080i / 720p / 576p / 480p	1080i / 720p / 576p / 480p	1080p / 1080i / 720p / 576p / 480p	
COMPONENT INPUT		1080p / 1080i / 720p / 576p / 480p / 480i		1080p / 1080i / 720p / 576p / 576i / 480p / 480i	1080p / 1080i / 720p / 576p / 576i / 480p / 480i	1080p / 1080i / 1035i / 720p / 576p / 576i / 480p / 480i	1080i / 1035i / 720p / 576p / 576i / 480p / 480i	1080p / 1080i / 1035i / 720p / 576p / 576i / 480p / 480i	
INPUT SIGNALS	INPUT	DVI-D 24PIN	Digital RGB Input		N/A	N/A	N / A	N / A	N / A
		DVI-I 29PIN	N/A		Analog PC / Digital PC input	Analog PC / Digital PC input	Digital PC Input / Analog PC Input / Digital Video Input	Digital PC Input / Analog PC Input / Digital Video Input	Digital PC Input / Analog PC Input / Digital Video Input
		HDMI	Version 1.3 Deep Color Digital RGB / Digital Video Input		Version 1.3 Deep Color Digital PC / Digital Video Input	Version 1.3 Deep Color Digital PC / Digital Video Input	Version 1.3 Deep Color Digital Video Input	N / A	Version 1.3 Deep Color Digital Video Input
		MINI D-SUB 15PIN	Analog PC / Component Video Input		Analog PC / Component Video Input	Analog PC / Component Video Input	Analog PC Input x 1	Analog PC Input x 2	Analog PC Input x 2 / 5-BNC
		RCA	N/A		N/A	N/A	Composite Video Input	Composite Video Input	Composite Video Input
	OUTPUT	MINI JACK	Stereo Audio Input x 2		Stereo Audio Input x 2	Stereo Audio Input x 2	Stereo Audio Input x 3	Stereo Audio Input x 3	Stereo Audio Input x 3
		MINI D-SUB 15PIN	N/A		N/A	N/A	N / A	Analog PC Output	Analog PC Output
	CONTROL	MINI JACK	Stereo Audio Output x 1		Stereo Audio Output x 1	Stereo Audio Output x 1	Stereo Audio Output x 1	Stereo Audio Output x 1	Stereo Audio Output x 1
		D-SUB 9 PIN	RS-232C		RS-232C	RS-232C	RS-232C	RS-232C	RS-232C
		RJ-45	Yes		Yes	Yes	Yes	N / A	Yes
BUILT-IN SPEAKER		5W (Mono)		5W (Mono)	5W (Mono)	1W (Mono)	1W (Mono)	1W (Mono)	
LAMP	LAMP	TYPE	330W NSH (AC)	310W NSH (AC)	330W NSH (AC)	275W NSH (AC)	275W NSH (AC)	230W NSH (AC)	
		LAMP LIFE	3000 Hours (Normal)	3000 / 4000 Hours (Normal/Quiet)	3000 Hours	3000 Hours	2000 / 3000 Hours (Normal / Quiet)	2000 / 3000 Hours (Normal / Quiet)	2000 / 2500 Hours (Normal / Quiet)
REMOTE CONTROL	SENSOR	Wireless Infrared, Front / Back		Wireless Infrared, Front/Back/Wired Remote Control Connection	Wireless Infrared, Front/Back/Wired Remote Control Connection	Wireless Infrared, Front / Back	Wireless Infrared, Front / Back	Wireless Infrared, Front / Back	
	MOUSE	N / A		N/A	N/A	N / A	Mouse Control Receiver (USB)	N / A	
RATINGS	FAN NOISE		40 (Normal)	39 / 36 dB (Normal / Quiet)	40dB	40dB	36 / 32 dB (Normal / Quiet)	35 / 31 dB (Normal / Quiet)	35 / 31 dB (Normal / Quiet)
	POWER	CONSUMPTION	450W (Normal) 0.35W (Stand-by with LAN off)	410W (Normal) 365W (Quiet) 0.35W (Stand-by with LAN off)	435W / 1.7W (Standby) / 0.35W (Standby with LAN off)	435W / 1.7W (Standby) / 0.35W (Standby with LAN off)	400W (Normal) / 330W (Quiet) / 11W (Stand-by with LAN off)	360W (Normal) / 290W (Quiet) / 7W (Stand-by)	330W (Normal) / 270W (Quiet) / 15W (Stand-by)
		VOLTAGE	AC 100~240V, 50 / 60Hz		AC100 ~ 240V, 50 / 60 Hz	AC100 ~ 240V, 50 / 60 Hz	AC 100~240V, 50 / 60Hz	AC 100 to 240V, 50 / 60Hz	AC 100 to 240V, 50 / 60Hz
	TEMPERATURE	OPERATING	41° to 95° F (5° to 35° C)		41° to 95° F (5° to 35° C)	41° to 95° F (5° to 35° C)	41° to 95° F (5° to 35° C)	41° to 95° F (5° to 35° C)	41° to 95° F (5° to 35° C)
		STORAGE	14° ~ 140° F (-10° ~ 60° C), 5%RH ~ 90%RH	-22° ~ 140° F (-30° ~ 60° C), 5%RH ~ 90%RH	14° ~ 140° F (-10° ~ 60° C)	14° ~ 140° F (-10° ~ 60° C)	-22° ~ 140° F (-30° ~ 60° C), 5%RH ~ 90%RH	-22° ~ 140° F (-30° ~ 60° C), 5%RH ~ 90%RH	-22° ~ 140° F (-30° ~ 60° C), 5%RH ~ 90%RH
	DIMENSIONS (W X D X H)		15.0 x 16.9 x 6.7 in. (381 x 430 x 170 mm) without lens		15 x 6.7 x 16.9 in. (without lens, including protruding parts)	15 x 6.7 x 16.9 in. (without lens, including protruding parts)	11.2 x 13.2 x 4.5 in. (284 x 336 x 114 mm)	10.5 x 13.2 x 4.5 in. (226 x 336 x 114 mm)	13.0 x 13.4 x 4.8 in. (332 x 340 x 121 mm)
WEIGHT		18.7 lbs. (8.5 kg) without lens		18.74 lb. (without lens)	18.74 lb. (without lens)	10.9 lbs (4.94 kg)	10.6 lbs (4.8 kg)	11.5 lbs (5.2 kg)	

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