








Display Solutions

Projectors | LCD Monitors

Autumn / Winter 2011

Brighter display solutions

Multimedia Projectors

	PORTABLE SVGA / XGA	PORTABLE XGA	SHORT THROW XGA	SHORT THROW XGA	ULTRA SHORT THROW XGA	PORTABLE PREMIUM XGA
						
Model	ES200U / EX200U	EX240U / EX320U	XD221U-ST Short Throw	EX320U-ST Short Throw	XD360U-EST / XD365U-EST	XD550U / XD560U
Resolution	800x600 (SVGA) / 1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)
Format	4:3 (16:9 available)	4:3 (16:9 available)	4:3 (16:9 available)	4:3 (16:9 available)	4:3 (16:9 available)	4:3 (16:9 available)
Brightness (ANSI Lumens)	2400 / 2300	2500 / 3000	2000	2700	2500	3000 / 3500
Weight	2,4kg	2,4kg / 2,5kg	3,2kg	2,9kg	4.1kg	3,5kg
Contrast ratio	2000:1 / 1250:1	2000:1	2500:1	2000:1	3000:1	3000:1
Technology	DMD 0.55"	DMD 0.55"	DMD 0.55"	DMD 0.55"	DMD 0.55"	DMD 0.55"
Noise (*Low mode)	29dBA	29dBA	26dBA	28dBA	28dBA	28dBA
Keystone Correction	Vertical +20° / -20°	Vertical +20° / -20°	Vertical +10°/-5°	Vertical +20° / -20°	Vertical Auto	Vertical Auto
Frequency fh (kHz) fv (Hz)	31-92 48-85	31-99 48-120	15-80 50-85	31-99 48-120	15-80 50-85	15-105 50-120
Lens	Manual	Manual	Manual	Manual	Manual	Manual
Focal	f=21.1~23.0mm	f=21.1~23.0mm / f=16.9~21.9mm	f=7,7mm	f=6.9mm	f=5,4mm	f=16.0~25.6mm
Throw ratio (native res / std lens)	1.9-2.1	1.9-2.1 / 1.5-2.0	0.7	0.608	0.469	1.4-2.3
Speakers	2W mono	2W mono	10W mono	2W mono	10W mono	10W mono
Video Input	RCA x1, S-Video x1	RCA x1, S-Video x1, HDMI x1	S-Video x1, RCA x1	RCA x1, S-Video x1, HDMI x1	RCA x1, S-Video x1, HDMI x1	RCA x1, S-Video x1, HDMI x1
Audio Input	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x2	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x2, RCA Jack (L/R) x1	Stereo Mini Jack (3,5mm) x2, RCA Jack (L/R) x1
RGB Input	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2
Audio Output	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1
RGB Output	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1
Communication	RS232C (9 Pin)	RS232C (9 Pin), LAN (RJ-45) x1	RS232C (8 Pin), RJ-45 x1	RS232C (9 Pin), RJ-45 x1	RS232C (9 Pin), RJ-45 x1, USB type-A x1, USB type-B x1	RS232C (9 Pin), RJ-45 x1, USB type-A x1, USB type-B x1
DC Output 5V (1,5A max)	No	No	No	No	No	No
RGB Input Compatibility	640x480 - 800x600 / 1024x768 - 1600x1200 comp.	640x480 - 1024x768 - 1600x1200 comp.	640x480 - 1024x768 - 1280x1024 comp.	640x480 - 1024x768 - 1600x1200 comp.	640x480 - 1024x768 - 1600x1200 comp., 1080p comp.	640x480 - 1024x768 - 1600x1200 comp., 1080p comp.
Video Signals Input Compatibility	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i/p(1125i/p 50/60Hz)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i/p(1125i/p 50/60Hz)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i/p(1125i/p 50/60Hz)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i/p(1125i/p 50/60Hz)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i/p(1125i/p 50/60Hz)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i/p(1125i/p 50/60Hz)
Dimensions WxHxD (mm)	282x94x229	282x94x229	320x104x236	282x92x229	325x113x258mm	325x113x258mm
Maximum Lamp Life (*Low Mode)	4000 hours	4000 hours / 5000hrs	5000 hours	5000 hours	6000 hours	6000 hours
Standard Accessories	Power Cord, RGB Cable, Remote Control, Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Lens cap, Lamp replacement tray Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Lens cap, Lamp replacement tray Manual on CD, Safety Manual, Quick Start Guide
Replacement lamp	VLT-EX240LP	VLT-EX240LP / VLT-EX320LP	VLT-XD221LP	VLT-EX320LP	VLT-XD560LP	VLT-XD560LP
Optional Lenses	No	No	No	No	No	No
Mechanical Lens Shift	No	No	No	No	No	No
Controlling & Diagnostic Function	No	Crestron®/RoomView™	PJLink™ / ProjectorView Global+	Crestron®/RoomView™	Crestron / AMX / PJLink™ / ProjectorView Global+	Crestron / AMX / PJLink™ / ProjectorView Global+
3D Image	No	3D Ready (PC source)	No	3D Ready (PC source)	3D Ready (PC source)	3D Ready (PC source)
Warranty	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use (XD365U-EST same as XD360U-EST but with interactive pen)	Projector: 3 year, Lamp: 1 year or 500 hours use

PORTABLE PREMIUM XGA	INSTALLATION XGA	INSTALLATION XGA	INSTALLATION XGA	INSTALLATION XGA	SHORT THROW WXGA	PORTABLE WXGA
						
XD590U / XD600U	XL1550U / XL2550U	XD3500U	XL6600U	XD8100U	EW230U-ST Short Throw	EW270U / EW330U
1024x768 (XGA) 4:3 (16:9 available)	1024x768 (XGA) 4:3 (16:9 available)	1024x768 (XGA) 4:3 (16:9 available)	1024x768 (XGA) 4:3 (16:9 available)	1024x768 (XGA) 4:3 (16:9 available)	1280x800 (WXGA) 16:10 (4:3 Zoom and Stretch Options available)	1280x800 (WXGA) 16:10 (4:3 Zoom and Stretch Options available)
3800 / 4500	3100 / 4000	5000	6000	7000 with Dual lamp	2400	2600 / 3000
3,7kg / 3,6kg	4,5kg / 4,7kg	10,5kg	9,8kg	16kg	2,8kg	2,4kg / 2,5kg
2000:1	400:1 / 600:1	2500:1	1000:1	2000:1	2000:1	2000:1
DMD 0.7"	3LCD 0.8"	DMD 0.7"	3LCD 1.3"	DMD 0.7"	DMD 0.65"	DMD 0.65"
25dBA / 29dBA	22dBA / 29dBA	26dBA	29dBA	28dBA	29dBA	29dBA / 28dBA
Vertical Auto	Vertical +35°/-35° , Horizontal +25°/-25°	Vertical +35°/-35° , Horizontal +25°/-25°	Horizontal +/-25° , Vertical +/-35°	Horizontal & Vertical	Vertical +20° / -20°	Vertical +20° / -20°
15-80 50-85	15-100 50-120	15-100 50-95	15-100 50-120	15-100 50-95	31-99 48-120	31-99 48-120
Manual	Manual	Motorised	Motorised	Motorised	Manual	Manual
f=20.6-30.1mm	f=29.0-37.0mm	f=24.5-33.1mm	f=51.0-64.0mm	f=24.5-33.1 mm	f=6,9mm	f=21.1-23.0mm / f=16.9-21.9mm
1.4-2.1	1.8-2.3	1.7-2.4	1.9-2.4	1.7-2.4	0.5	1.5-1.6 / 1.2-1.6
10W mono	3W mono	10W mono	10W mono	N/A	2W mono	2W mono
RCA x1, S-Video x1, HDMI x1	RCA x1, S-Video x1	HDMI x1, S-Video x1 or BNC (Y,C) x1, RCA x1 or BNC x1	S-Video x1 or BNC (Y,C) x1, RCA x1 or BNC x1	BNC x1, S-Video x1, HDMI 1,3 x1	RCA x1, S-Video x1, HDMI x1	RCA x1, S-Video x1, HDMI x1
Stereo Mini Jack (3,5mm) x2, RCA Jack (L/R) x1	Stereo Mini Jack (3,5mm) x1, RCA Jack (L/R) x2	Stereo Mini Jack (3,5mm) x3, RCA Jack (L/R) x2	Stereo Mini Jack (3,5mm) x1, RCA Jack (L/R) x1	N/A	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1
Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2, DVI-D (HDCP) x1	Mini D-Sub 15 Pin x1, 5 BNC x1, DVI-D (HDCP) x1	5 BNC x1, Mini D-Sub 15 Pin x1, / 5 BNC x1, Mini D-Sub 15 Pin x1, DVI-D	5 BNC x1, Mini D-Sub 15 pin x1, DVI-D x1	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2
Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1 (variable out)	Stereo Mini Jack (3,5mm) x1	N/A	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1
Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	N/A	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1
RS232C (8 Pin), RJ-45 x1	RS232C (9 Pin), USB for Mouse, LAN (RJ-45)	RS232C (9 Pin), USB for Mouse, LAN (RJ-45), Wired remote	RS232C (8 Pin) x2, USB for Mouse, Wired Remote / RJ-45	LAN (RJ-45) x1, RS-232C in/out x1, Wired remote in/out x1	RS232C (9 Pin), LAN (RJ-45) x1	RS232C (9 Pin), LAN (RJ-45) x1
No	Yes	Yes	No	No	No	No
640x480 - 1024x768 - 1280x1024 comp.	640x480 - 1024x768 - 1280x1024 comp., 1600x1200 re-samp.	640x480 - 1024x768 - 1600x1200 comp.	640x480 - 1024x768 - 1600x1200 comp.	640x480 - 1024x768 - 1920x1200 comp.	640x480 - 1280x800 - 1600x1200 comp.	640x480 - 1280x800 - 1600x1200 comp.
NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz), 1080i(1125i 50Hz), SCART (RGB +1V Sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz), 1080i(1250 50Hz) SCART (RGB +1V Sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz) , SCART (RGB +1V Sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i/p(1125i/p 50/60Hz)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i/p(1125i/p 50/60Hz)
345x129x270mm	333x113x272	450x187x373 (excl. terminal cover)	443x207x434	490x200x420 (excl.cover)	282x94x229	282x94x229
5000 hours	5000 hours / 4000 hours	4000 hours	4000 hours	4000 hours Dual mode / 8000 hours Single mode	4000 hours	4000 hours / 5000hrs
Power Cord, RGB Cable, Remote Control, Soft Carry Case, Lens cap, Lamp replacement tray Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, AV Cable, USB Cable, RS232C Cable, Remote Control, Soft Carry Case, Manual on CD, Safety Manual	Power Cord, RGB Cable, RS232C Cable, Remote Control, Terminal Cover, Manual on CD, Safety Manual, Quick Start Card	Power Cord, RGB Cable, AV Cable, RS232C Cable, Remote Control, Safety Pin x2, Terminal Cover, Spare dust filter, Manual on CD, Safety Manual	Power Cord, RGB Cable, RS232C Cable, Remote Control, Terminal Cover, Manual on CD, Safety Manual	Power Cord, RGB Cable, Remote Control, Soft carrying case Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft carrying case Manual on CD, Safety Manual, Quick Start Guide
VLT-XD590LP / VLT-XD600LP	VLT-XL550LP / VLT-XL650LP	VLT-XD3200LP	VLT-XL6600LP	VLT-XD8000LP	VLT-EX240LP	VLT-EX240LP / VLT-EX320LP
No	Yes, 3	Yes, 5	Yes, 4	Yes, 5	No	No
No	No	Yes	Yes	Yes	No	No
PJLink™ / ProjectorView Global+	PJLink™ / ProjectorView Global+	PJLink™ / ProjectorView Global+	PJLink™ / ProjectorView Global+	PJ Link™, Crestron®/RoomView™ / AMX / ProjectorView Global+	Crestron®/RoomView™	Crestron®/RoomView™
3D Ready (PC source)	No	No	No	No	3D Ready (PC source)	3D Ready (PC source)
Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use Also available in black	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use

Multimedia Projectors

	ULTRA SHORT THROW WXGA	PORTABLE WXGA	PORTABLE WXGA	INSTALLATION WXGA	INSTALLATION WXGA	INSTALLATION WXGA
						
Model	WD380U-EST / WD385U-EST	WD570U	WD620U	WL2650U	WD3300U	WL6700U
Resolution	1280x800 (WXGA)	1280x800 (WXGA)	1280x800 (WXGA)	1280x800 (WXGA)	1280x800 (WXGA)	1366x800 (WXGA)
Format	16:10 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)
Brightness (ANSI Lumens)	3000	3500	4000	3500	4000	5000
Weight	4.1kg	3.8kg	3,6kg	4,7kg	10,5kg	9.8kg
Contrast ratio	3000:1	3000:1	2000:1	600:1	2300:1	1000:1
Technology	DMD 0.65"	DMD 0.65"	DMD 0.65"	3LCD 0.75"	DMD 0.65"	3LCD 1,2"
Noise (*Low mode)	28dBA	28dBA	29dBA	29dBA	26dBA	29dBA
Keystone Correction	Vertical Auto	Vertical Auto	Vertical Auto	Vertical +35°/-35° , Horizontal +25°/-25°	Vertical +35°/-35° , Horizontal +25°/-25°	Vertical +35°/-35° , Horizontal +25°/-25°
Frequency fh (kHz) fv (Hz)	15-80 50-120	15-105 50-120	15-80 50-85	15-100 50-120	15-100 50-95	15-100 50-120
Lens	Manual	Manual	Manual	Manual	Motorised	Motorised
Focal	f=5.4mm	f=20.7-31.0mm	f=20,57-29,94mm	f=24.0-29.0mm	f=24.5-33.1mm	f=51.0-64.0mm
Throw ratio (native res / std lens)	0.375	1.5-2.3	1,47-1,72	1,47-1,77	1.8-2.4	1.9-2.4
Speakers	10W mono	10W mono	10W mono	3W mono	10W mono	10W mono
Video Input	RCA x1, S-Video x1, HDMI x1	RCA x1, S-Video x1, HDMI x1	RCA x1, S-Video x1, HDMI x1	S-Video x1, RCA x1	HDMI x1 / S-Video x1 or BNC (Y,C) x1, RCA x1 or BNC x1	S-Video x1 or BNC (Y,C) x1, RCA x1 or BNC x1
Audio Input	Stereo Mini Jack (3,5mm) x2, RCA Jack (L/R) x1	Stereo Mini Jack (3,5mm) x2, RCA Jack (L/R) x1	Stereo Mini Jack (3,5mm) x1, RCA Jack (L/R) x1	Stereo Mini Jack (3,5mm) x2, RCA Jack (L/R) x2	Stereo Mini Jack (3,5mm) x3, RCA Jack (L/R) x2	Stereo Mini Jack (3,5mm) x2, RCA Jack (L/R) x2
RGB Input	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2, DVI-D (HDCP) x1	Mini D-Sub 15 Pin x1, 5 BNC x1, DVI-D (HDCP) x1	Mini D-Sub 15 Pin x1, 5 BNC x1, DVI-D (HDCP) x1
Audio Output	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1 (variable out)	Stereo Mini Jack (3,5mm) x1
RGB Output	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1
Communication	RS232C (9 Pin), RJ-45 x1, USB type-A x1, USB type-B x1	RS232C (9 Pin), RJ-45 x1, USB type-A x1, USB type-B x1	RS232C (8 Pin), RJ-45 x1	RS232C (9 Pin), USB for Mouse, LAN (RJ-45)	RS232C (9 Pin), USB for Mouse, LAN (RJ-45), Wired remote	RS232C (9 Pin), USB for Mouse, LAN (RJ-45), Wired remote
DC Output 5V (1,5A max)	No	No	No	No	Yes	No
RGB Input Compatibility	640x480 - 1280x800 - 1600x1200 comp., 1080p comp.	640x480 - 1280x800 - 1600x1200 comp., 1080p comp.	640x480 - 1280x800 - 1280x1024 comp.	640x480 - 1280x800 - 1600x1200 comp.	640x480 - 1280x800 - 1600x1200 comp.	640x480 - 1366x800 - 1600x1200 comp.
Video Signals Input Compatibility	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz)	NTSC/NTSC4.43/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)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz), 1080p(1125i 50/60Hz), SCART (RGB +1V Sync)	NTSC/NTSC4.43/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), SCART (RGB +1V Sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz), 1080p(1125i 50/60Hz), SCART (RGB +1V sync*)
Dimensions WxHxD (mm)	325x113x258mm	325x113x258mm	345x129x270mm	333x113x272	450x187x373 (excl. terminal cover)	443x207x434
Maximum Lamp Life (*Low Mode)	6000 hours	6000 hours	5000 hours	4000 hours	4000 hours	4000 hours
Standard Accessories	Power Cord, RGB Cable, Remote Control, Lens cap, Lamp replacement tray Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Lens cap, Lamp replacement tray Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Lens cap, Lamp replacement tray Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, AV Cable, RS232C Cable, USB Cable, Remote Control Manual on CD, Safety Manual	Power Cord, RGB Cable, RS232C Cable, Remote Control, Terminal Cover, Manual on CD, Safety Manual, Quick Start Card	Power Cord, RGB Cable, AV Cable, RS232C Cable Remote Control, Safety Pin x2, Terminal Cover, Spare dust filter, Manual on CD, Safety Manual
Replacement lamp	VLT-XD560LP	VLT-XD560LP	VLT-XL600LP	VLT-XL650P	VLT-XD3200LP	VLT-XL6600LP
Optional Lenses	No	No	No	Yes, 3	Yes, 4	Yes, 4
Mechanical Lens Shift	No	No	No	No	Yes	Yes
Controlling & Diagnostic Function	Crestron / AMX / PJLink™ / ProjectorView Global+	Crestron / AMX / PJLink™ / ProjectorView Global+	PJLink™ / ProjectorView Global+	PJLink™ / ProjectorView Global+	PJLink™ / ProjectorView Global+	PJLink™ / ProjectorView Global+
3D Image	3D Ready (PC source)	3D Ready (PC source)	No	No	No	No
Warranty	Projector: 3 year, Lamp: 1 year or 500 hours use (WD385U-EST same as WD380U-EST but with interactive pen)	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use

INSTALLATION WXGA	INSTALLATION SXGA+	PORTABLE FULL HD	INSTALLATION FULL HD	INSTALLATION WUXGA	HOME CINEMA	(3D) HOME CINEMA
						
WD8200U	MH2850U (Medical)	FD630U	FL7000U	UD8350U / UD8400U	HC3900 / HC4000	HC9000D
1280x800 (WXGA)	1400x1050 (SXGA+)	1920x1080 (Full HD)	1920x1080 (Full HD)	1920x1200 (WUXGA)	1920x1080 (Full HD)	1920x1080 (Full HD)
16:10 (4:3 Zoom and Stretch Options available)	5:4 (16:9 available)	16:9 (4:3 Zoom and Stretch Options available)	16:9 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	16:9 (Zoom and Stretch Options available)	16:9 (Zoom and Stretch Options available)
6500 with Dual lamp	3100	4000	5000	6500 with Dual lamp	3000 / 1300	1100
16kg	4,9kg	3,6kg	9,8kg	16kg	3,6kg / 3,5kg	14,5kg
2000:1	600:1	2000:1	1000:1	2000:1	2000:1 / 3600:1	150.000:1
DMD 0.65"	3LCD 0,8"	DMD 0.65"	3LCD 1.1"	DMD 0.67"	0,65" DMD	0,61" 3-SXR™ HFR
28dBa	29dBa	29dBa	29dBa	28dBa	25dBa	23dBa
Horizontal & Vertical	Vertical +35°/-35° , Horizontal +25°/-25°	Vertical Auto	Vertical +13,5°/-14,5°	Horizontal & Vertical	Vertical +15°/-15°	Vertical and Horizontal +15°/-15°
15-100	15-100	15-80	15-100	15-100	15-80	15-85
50-95	50-120	50-85	50-120	50-95	24-85	24-85
Motorised	Manual	Manual	Motorised	Motorised	Manual	Motorised
f=24.5-33.1 mm	f=24,0-29,0mm	f=20,57-29,94mm	f=51.0-64.0mm	f=24.5-33.1 mm	f=20,6-30,1mm	f=21.4-38,5mm
1.8-2.4	1.5-1.8	1.4-2.1	2.01-2.56	1.7-2.3	1.4-2.1	1.5-2.9
N/A	3W mono	10W mono	10W mono	N/A	No	No
BNC x1, S-Video x1, HDMI 1,3 x1	S-Video x1, RCA x1	RCA x1, S-Video x1, HDMI x1	S-Video x1 or BNC (Y,C) x1, RCA x1 or BNC x1	BNC x1, S-Video x1, HDMI 1,3 x1, 3G-SDI x1 (only UD8400U)	HDMI (v.1.3) x1, RCA x1, S-Video x1	HDMI (3D, Deep Color) x2, S-Video x1, RCA x1, RCA (Y,Ob,Cr) x1
N/A	Stereo Mini Jack (3,5mm) x2, RCA Jack (L/R) x2	Stereo Mini Jack (3,5mm) x2, RCA Jack (L/R) x1	PC Stereo Mini Jack (3,5mm) x2, RCA Jack (L/R) x2	N/A	No	No
5 BNC x1, Mini D-Sub 15 pin x1, DVI-D x1	Mini D-Sub 15 Pin x2, DVI-D (HDCP) x1	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2, 5 BNC x1, DVI-D (HDCP) x1	5 BNC x1, Mini D-Sub 15 pin x1, DVI-D x1	Mini D-Sub 15 Pin x1,	Mini D-Sub 15 Pin x1
N/A	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	N/A	No	No
N/A	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	N/A	No	No
LAN (RJ-45) x1, RS-232C in/out x1, Wired remote in/out x1	RS232C (9 Pin), USB for Mouse, LAN (RJ-45)	RS232C (8 Pin), RJ-45 x1	RS232C (9 Pin), USB for Mouse, LAN (RJ-45), Wired remote	LAN (RJ-45) x1, RS-232C in/out x1, Wired remote in/out x1	RS232C (8 pin)	RS232C (9 pin)
No	No	No	No	No	12V trigger out	(1) Power, (2) Anamorphic
640x480 - 1280x800 - 1920x1200 comp.	640x480 - 1400x1050 - 1600x1200 comp.	640x480 - 1920x1080 - 1600x1200 comp.	640x480 - 1920x1080 - 1600x1200 comp.	640x480 - 1920x1200	640x480 - 1920x1080 - 1600x1200 comp.	640x480 - 1920x1200 (60Hz)
NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz) , SCART (RGB +1V Sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz), SCART (RGB +1V Sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz), 1080p	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz) (1080i(1250i 50Hz), SCART (RGB +1V Sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz) , SCART (RGB +1V Sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i(1125i 50/60Hz), 1080p (24/50/60Hz),	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p) 50/60Hz), 1080p(1125i 50/60Hz), 1080p (1125p 24/50/60Hz)
490x200x420 (excl.cover)	333x113x272	345x129x270mm	443x207x434	490x200x420 (excl.cover)	345x129x270	482x215x530
4000 hours Dual mode / 8000 hours Single mode	5000 Hours	5000 hours	4000 hours	4000 hours Dual mode / 8000 hours Single mode	5000 hours	4000 hours
Power Cord, RGB Cable, RS232C Cable, Remote Control, Terminal Cover, Manual on CD, Safety Manual	Power Cord, RGB Cable, AV Cable, RS232C Cable, USB Cable, Remote Control Manual on CD, Safety Manual	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Lens cap, Lamp replacement tray Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, AV Cable, RS232C Cable, Remote Control, Safety Pin, Filter, Terminal Cover, Manual on CD, Safety Manual	Power Cord, RGB Cable, RS232C Cable, Remote Control, Terminal Cover, Manual on CD, Safety Manual	Power Cord, RGB Cable Remote Control, Lens cap, Lamp replacement tray Manual on CD, Eng. Paper manual, Safety Manual	Power Cord, RGB Cable, RS232C Cable, Remote Control, Lens cap, Lamp replacement tray Quick Start Manual (Eng), Manual on CD, Safety Manual
VLT-XD8000LP	VLT-XL650P	VLT-XD600LP	XLT-XL6600LP	VLT-XD8000LP	VLT-HC3800LP	VLT-HC9000LP
Yes, 5	Yes, 3	No	Yes, 4	Yes, 5	No	No
Yes	No	No	Yes	Yes	No	Yes
PJ Link™, Crestron®/RoomView™ / AMX / ProjectorView Global+	PJLink™ / ProjectorView Global+	PJLink™ / ProjectorView Global+	PJ Link™ / ProjectorView Global+	PJ Link™, Crestron®/RoomView™ / AMX / ProjectorView Global+	No	No
No	No	No	No	No	No	3D Full HD
Projector: 3 year, Lamp: 1 year or 500 hours use Also available in black	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use Also available in black	Projector: 3 year, Lamp: 1 year or 500 hours use	Projector: 3 year, Lamp: 1 year or 500 hours use Options: 3D-Shutter Glasses, 3D-Emitter

Professional LCD Displays

	WXGA	FULL HD	FULL HD SLIM BEZEL	FULL HD	FULL HD SLIM BEZEL
					
Model	LDT323V	LDT422V	MDT421S	LDT461V2	MDT521S
Size	32"	42"	42" Slim Bezel	46"	52" Slim Bezel
Resolution	1366x768 (WXGA)	1920x1080 (Full HD)	1920x1080 (Full HD)	1920x1080 (Full HD)	1920x1080 (Full HD)
Format	16:9	16:9	16:9	16:9	16:9
Brightness	450cd/m ²	500cd/m ²	700cd/m ²	500cd/m ²	700cd/m ²
Weight (w/o stand)	14.5kg	21kg	23.5kg	33kg	40kg
Contrast Ratio	3000:1	1300:1	1100:1	1500:1	2000:1
Technology	LCD	LCD	LCD	LCD	LCD
Speakers	Optional 7W+7W	Optional 7W+7W	Optional 7W+7W	Optional 7W+7W	Optional 7W+7W
PC Input (Analog)	Mini D-sub 15-pin, BNC (R,G,B,H,V; PC/AV common)	Mini D-sub 15-pin, BNC (R,G,B,H,V; PC/AV common)	Mini D-sub 15-pin, BNC (R,G,B,H,V; PC/AV common)	Mini D-sub 15-pin, BNC (R,G,B,H,V)	Mini D-sub 15-pin, BNC (R,G,B,H,V; PC/AC common), CAT5 Rx
PC Input (Digital)	HDMI (PC/AV common), DVI-D (with HDCP, PC/AV common)	HDMI (PC/AV common), DVI-D (with HDCP, PC/AV common)	HDMI (PC/AV common), DVI-D (PC/AV common), DisplayPort	HDMI x2 (PC/AV common)	HDMI (PC/AV common), DVI-D (PC/AC common), DisplayPort
PC Output	Mini D-sub 15-pin	Mini D-sub 15-pin	Mini D-sub 15-pin	Mini D-sub 15-pin	Mini D-sub 15-pin
AV Input (Analog)	Composite <BNC/RCA>, Y/C <S-video>, BNC (Y/Pb/Pr; PC/AV common)	Composite <BNC/RCA>, Y/C <S-video>, BNC (Y/Pb/Pr; PC/AV common)	Composite <BNC/RCA>, Y/C <S-video>, BNC (Y/Pb/Pr; PC/AV common)	Composite <BNC/RCA>, Y/C <S-video>, BNC (Y/Pb/Pr; PC/AV common)	Composite <BNC/RCA>, Y/C <S-video>, BNC (Y/Pb/Pr; PC/AV common)
AV Input (Digital)	HDMI (PC/AV common), DVI-D (with HDCP, PC/AV common)	HDMI (PC/AV common), DVI-D (PC/AV common)	HDMI (PC/AV common), DVI-D (PC/AV common)	HDMI x2 (PC/AV common)	HDMI (PC/AV common), DVI-D (PC/AV common)
AV Output	composite <BNC>	composite <BNC>	composite <BNC>	composite <BNC>	composite <BNC>
Audio Input (Analog)	RCA (L/R) x2, Stereo Mini Jack	RCA (L/R) x2, Stereo Mini Jack	RCA (L/R) x2, Stereo Mini Jack	RCA (L/R) x2, Stereo Mini Jack	RCA (L/R) x2, Stereo Mini Jack
Audio Input (Digital)	HDMI (Digital Audio)	HDMI (Digital Audio)	HDMI (Digital Audio)	HDMI x2 (Digital Audio)	HDMI (Digital Audio)
Audio Output	RCA pin jack (L/R)	RCA pin jack (L/R)	RCA pin jack (L/R)	RCA pin jack (L/R)	RCA pin jack (L/R)
Communication	RS-232C (Mini D-sub 9 Pin) 1x in, 1x out	RS-232C (Mini D-sub 9 Pin) 1x in, 1x out	RS-232C (Mini D-sub 9 Pin) 1x in / 1x out	RS-232C (Mini D-sub 9 Pin) 1x in / 1x out	RS-232C (Mini D-sub 9 Pin) 1x in / 1x out
PC Supported Resolutions	640x480, 800x600, 1024x768, 1280x768, 1360x768, simpl.comp.:1280x1024, 1600x1200, 1920x1080, 1920x1200	640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024, 1920x1080, simpl.comp.: 1600x1200, 1920x1200	640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024, 1920x1080, simpl.comp.: 1600x1200, 1920x1200	640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024, 1920x1080, simpl.comp.: 1600x1200, 1920x1200	640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024, 1920x1080, simpl.comp.: 1600x1200, 1920x1200
Signals Video Input	NTSC/NTSC4.43/PAL/ SECAM/PAL-60,	NTSC/NTSC4.43/PAL/ SECAM/PAL-60,	NTSC/NTSC4.43/PAL/ SECAM/PAL-60,	NTSC/NTSC4.43/PAL/ SECAM/PAL-60,	NTSC/NTSC4.43/PAL/ SECAM/PAL-60,
AV Resolutions Supported	Comp.:480i, 480p, 576i, 576p, 720p, 1080i	Comp/Digital.:480i, 480p, 576i, 576p, 720p, 1080i, 1080p	Comp./Digital.:480i, 480p, 576i, 576p, 720p, 1080i, 1080p	Comp./Digital.:480i, 480p, 576i, 576p, 720p, 1080i, 1080p	Comp./Digital.:480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Dimensions WxHxD mm (w/o stand)	789x476x133 mm	1023x614x133 mm	966x559x116 mm	1122x663x136 mm	1202x698x122 mm
Standard Accessories	Power Cord, VGA cable, Cable Holder, Remote Control, Clamper, Main Switch Cover, User Manual	Power Cord, VGA cable, Cable Holder, Remote Control, Clamper, Main Switch Cover, User Manual	Power Cord, VGA cable, Cable Holder, Remote Control, Clamper, User Manual	Power Cord, VGA cable, Cable Holder, Remote Control, Clamper, Main Switch Cover, User Manual	Power Cord, VGA cable, Cable Holder, Remote Control, Clamper, User Manual, CAT5 Tx Box, CD-rom
Optional Accessories	SP-321V (Speakers), ST-322V (Stand)	SP-421V (Speakers), ST-421S (Stand)	SP-421S (Speakers), ST-421S (Stand), DP-1CA5 (CAT5 kit), OB-421S-AS (Silver bezel)	SP-461V (Speakers), ST-461V (Stand)	SP-521S (Speakers), ST-521S (Stand), OB-521S-AS (Silver Bezel)
Viewing Angle	Up and Down 178° / Left and Right 178°	Up and Down 178° / Left and Right 178°	Up and Down 178° / Left and Right 178°	Up and Down 178° / Left and Right 178°	Up and Down 178° / Left and Right 178°
Response time (Grey-to-Grey)	6.5ms	9ms	9ms	8ms	8ms
Landscape Mode	Yes	Yes	Yes	Yes	Yes
Portrait Mode	Yes	Yes	Yes	Yes	Yes
Face up Mode	No	No	No	No	Yes
Tiling Mode	Yes, up to 16 (4x4)	Yes, up to 16 (4x4)	Yes, up to 25 (5x5)	Yes, up to 25 (5x5)	Yes, up to 25 (5x5)
Warranty	3 years Return to base	3 years Return to base	3 years Return to base	3 years Return to base	3 years Return to base

FULL HD	FULL HD SLIM BEZEL	TOUCH SCREEN OVERLAY	WXGA ULTRA SLIM	QUAD HD
				
LDT551V	MDT652S	TC-42MM-U / TC52MM-U / TC-55MM-LDT-EU / TC65MM-U	VS-L46XM70U	56P-QF60LCU
55"	65" Slim Bezel	42" / 52" / 55" / 65"	46"	56"
1920x1080 (Full HD)	1920x1080 (Full HD)	Interactive Touch Screen Overlay for MDT421S / MDT521S / LDT551V / MDT652S	1366x768 (WXGA)	3840x2160 (Super MVA LCD)
16:9	16:9	16:9	16:9	16:9
500cd/m ²	700cd/m ²	-	700 cd/m ² (max)	500cd/m ² (Bright Mode)
40kg	46.5kg	11.4kg / 15.5kg / 19.5kg / 25.4kg	30kg	51kg
5000:1	4000:1	2 Point Dual Touch	3000:1	1200:1
LCD	LCD (non-glare)	Image Sensing Method: Optical	LCD	LCD
Built-in 10W+10W, Optional 7W+7W	Optional 7W+7W	Usable OS: Windows XP, Vista, 7, Mac, OS X	-	-
Mini D-sub 15-pin, BNC (R,G,B,H,V; PC/AV common)	Mini D-sub 15-pin, BNC (R,G,B,H,V; PC/AV common), CAT5 Rx	Connection: USB1.1	Optional Analog RGB: VC-B70G2 (5BNCx1 / HD Dsub15x1 in)	-
HDMI (PC/AV common), DVI-D (with HDCP, PC/AV common), DisplayPort	HDMI (PC/AV common), DVI-D (PC/AV common), DisplayPort		Optional Digital RGB Board: VC-B70D2 (DVI-Dx2 in)	DVI-D x4
Mini D-sub 15-pin	Mini D-sub 15-pin	Touch Surface: Hardened Glass, Glare	-	-
Composite <BNC/RCA>, Y/C <S-video>, BNC (Y/Pb/Pr; PC/AV common)	Composite <BNC/RCA>, Y/C <S-video>, BNC (Y/Pb/Pr; PC/AV common)	Scanning speed: 9 to 15ms	Optional Video Board: VC-B70V2 (3BNCx2 in)	-
HDMI (PC/AV common), DVI-D (with HDCP, PC/AV common)	HDMI (PC/AV common), DVI-D (with HDCP, PC/AV common)		Optional SDI input Board: VC-B70SDI (HD-SDI:BNCx1 in / HD-SDIx1 out / Gen Lock: BNCx1)	-
composite <BNC>	composite <BNC>, component (Y/Pb/Pr; PC/AV common) <mini D-sub 15-pin>		Optional Digital RGB Board: VC-B70D2 (DVI-Dx2 in)	-
RCA (L/R) x2, Stereo Mini Jack	RCA (L/R) x2, Stereo Mini Jack		Optional Daisy Chain Board: VC-B70DC (DVI-Dx1 out / DVI-Dx1 out / HD Dsub15x1 in / 3BNCx1 in)	-
HDMI (Digital Audio)	HDMI (Digital Audio)	Reading Height: 2mm	-	-
RCA pin jack (L/R)	RCA pin jack (L/R)	Driver: in Single Touch not required	RS-232C (Dsub9) / LAN: RJ45 / Dsubx2 in/out / Wired remote: 3.5jack	RS-232C (Mini D-Sub 9 Pin), LAN RJ-45
RS-232C (Mini D-sub 9 Pin) 1x in, 1x out, LAN (modular 8-pin)	RS-232C (Mini D-sub 9 Pin) 1x in, 1x out, LAN (modular 8-pin)	Driver: in Dual Touch dedicated API required with Windows XP, Vista, 7	640x480, 800x600, 1024x768, 1280x768, 1360x768 1280x1024, 1920x1080, simpl.comp: 1600x1200, 1920x1200	VGA, SVGA, XGA, WXGA, SXGA, UXGA, WUXGA, Quad HD
640x480, 800x600, 1024x768, 1280x768, 1360x768 1280x1024, 1920x1080, simpl.comp: 1600x1200, 1920x1200	640x480, 800x600, 1024x768, 1280x768, 1360x768 1280x1024, 1920x1080, simpl.comp: 1600x1200, 1920x1200	Driver: in Dual Touch: required with Windows 7 (Home premium or better)	NTSC/NTSC4.43/PAL/ SECAM/PAL-60, Comp.:480i, 480p, 576i, 576p, 720p, 1080i, 1080p	Digital RGB Video TMDS (DVI-D connector)
NTSC/NTSC4.43/PAL/ SECAM/PAL-60, Comp.:480i, 480p, 576i, 576p, 720p, 1080i, 1080p	NTSC/NTSC4.43/PAL/ SECAM/PAL-60, Comp.:480i, 480p, 576i, 576p, 720p, 1080i, 1080p		1025.7x579.8x150mm	-
1299x770x125 mm	1498x873x139 mm		Mullion: 7.3mm (total)	1333x872x420 mm
Power Cord, VGA cable, Remote Control, Clamper	Power Cord, VGA cable, Remote Control, Clamper		-	Power Cord, Remote Control
User Manual, CD-rom	User Manual, CAT5 Tx Box, CD-rom			User Manual, Desktop Stand
SP-521S (Speakers), ST-461V (Stand), DP-2CA-T/R (CAT5 set T/R)	SP-521S (Speakers)			No
Up and Down 178° / Left and Right 178°	Up and Down 178° / Left and Right 178°		Up and Down 178° / Left and Right 178°	Up and Down 176° / Left and Right 176°
8ms	8ms		8ms	6.5ms
Yes	Yes		Yes	Yes
Yes	Yes		No	No
No	Yes		No	No
Yes, up to 25 (5x5)	Yes, up to 25 (5x5)		Yes	No
3 years Return to base	3 years Return to base		3 years Return to base	3 years Return to base

Lens options

XL1550U / XL2550U / WL2650U / HL2750U / MH2850U



Model	Standard Lens	Short Throw Zoom OL-XL2550SZ ⁽¹⁾	Medium Throw Zoom OL-XL2550MZ ⁽²⁾	Long Throw Zoom OL-XL2550LZ	Tele Zoom OL-XL2550TZ
Focal Length (mm)		24~29	29~37	32~48	48~74
Throw Ratio		1.5-1.8	1.8-2.3	2.0-3.0	3.0-4.6
Length (mm)		115	129	180	170
Lens Size (mm)		69	69	73	73
Zoom / Focus		Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual

XD3200U / XD3500U / WD3300U / XD8100U / WD8200U / UD8350U / UD8400U



Model	Standard Lens	Wide-Angle OL-XD2000FR ⁽³⁾	Short Throw Zoom Adapter OL-XD2000SZ	Long Throw Zoom Adapter OL-XD2000LZ	Tele Zoom OL-XD2000TZ	Ultra Zoom OL-XD8000UZ ⁽⁴⁾
Focal Length (mm)	24.5-33.1	11.5	19.6~26.5	32.4~40.5	40.7~65.1	64.5~128.5
Throw Ratio	1.7-2.4	0.8	1.35-1.85	2.1-2.85	2.9-4.7	4.7-9.0
Length (mm)		143	85	89	143	186
Lens Size (mm)		83	145	145	80	86
Zoom / Focus	Motorised / Motorised	Fixed / Motorised	Motorised / Motorised	Motorised / Motorised	Motorised / Motorised	Motorised / Motorised

XL5900U / XL5980U / XL6500U / XL6600U / WL6700U / FL6900U / FL7000U



Model	Standard Lens	Wide-Angle OL-X500FR ⁽³⁾	Short Throw Zoom OL-X500SZ	Long Throw Zoom OL-X500LZ	Tele Zoom OL-X500TZ
Focal Length (mm)	51~64	22	37~44	64~90	93~140
Throw Ratio	1.9-2.4	0.8	1.3-1.6	2.4-3.3	3.4-5.2
Length (mm)		168.8	175.2	195.9	197.3
Lens Size (mm)		123.6	84	84	84
Zoom / Focus	Motorised / Motorised	Fixed / Manual	Motorised / Motorised	Manual / Manual	Manual / Manual

(1) Is standard lens for WL2650U / HL2750U / MH2850U, is optional lens for XL1550U / XL2550U
 (2) Is standard lens for XL1550U / XL2550U, is optional lens for WL2650U / HL2750U / MH2850U
 (3) Lens Shift function not possible
 (4) Only suitable for XD3200U / XD3500U / WD3300 / XD8100U / WD8200U / UD8350U / UD8400U

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Specifications are subject to change without notice (E&O.E.)
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