





security recorders
that stand out
from the crowd







Security Recorders

SECURITY RECORDERS					
					
	DX-TL4E	DX-TL4509E	DX-TL4516E	DX-TL5000E	DS-3000RT
Video Inputs	4	9	16	16	8 - 64
Audio Inputs	1	1	1	4	8 - 64
Multiplexer Functions	4 Way Split and Single View	Sequence, Split	Sequence, Split	Sequence, Split	Sequence, Split
Covert Camera	YES	YES	YES	YES	YES
Password Protection	YES	YES	YES	YES	YES
Motion Detection	YES	YES	YES	YES	YES
Maximum Recording Rate (PPS)	100	100	100	200	800
Compression Method	MPEG4	JPEG2000	JPEG2000	JPEG2000	MPEG2
Maximum Resolution	450 Lines	450 Lines	450 Lines	450 Lines	450 Lines
Pre-Post Alarm	YES	YES	YES	YES	YES
Alarm Inputs	4	9	16	16	8 - 64
Spot Monitor with Split / Sequence	NO	YES	YES	YES	YES
LAN	YES	YES	YES	YES	YES
Webserver	NO	YES	YES	YES	YES
Duplex	YES	YES	YES	YES	YES
Storage Options	160Gb	400Gb, 800Gb	400Gb, 800Gb	250Gb, 500Gb, 1000Gb	upto 32TB per CPU
Maximum Storage Capacity	500Gb	8Tb	8Tb	8Tb	32Tb
Serial Interface	RS232	RS232	RS232	RS232	YES
Archive	USB Stick, Built In CD/DVD-R/RW Drive	USB Stick, Built In CD/DVD-R/RW Drive	USB Stick, Built In CD/DVD-R/RW Drive	USB Stick, External HD, CD/DVD-R/RW Drive	USB Stick, Built In CD/DVD-R/RW Drive
Archive Options	As above	Download over Network CD-R, DVD, Hard Disk	Download over Network CD-R, DVD, Hard Disk	Download over Network CD-R, DVD, Hard Disk	DVD, HDD
Hardware Options	N/A	ZD5UE Hard Disk Extender	ZD5UE Hard Disk Extender	XGA, AUDIO, DX-HK5, additional HDD Mounting Kit, ZD5UE Hard Disk Extender	Custom Design
Telemetry	RS232 / 422 / 485	RS422 / 485	RS422 / 485	RS422 / 485	RS422 / 485
Software Option	Nethunter Compatible	Nethunter Compatible / PC200 / Web Browser	Nethunter Compatible / PC200 / Web Browser	Nethunter Compatible / PC200 / Web Browser	SDC Viewer (Freeware), Remote Access Kit
Dimensions WxHxDmm	340 x 46 x 310 mm	425 x 353 x 128 mm	425 x 353 x 128 mm	425 x 390 x 185 mm	On Application
Weight	3.2kg	10.5kg (with 2 HDD)	10.5kg (with 2 HDD)	13.5kg (Capacity 250Gb)	On Application

LCD Displays

		LCD PUBLIC DISPLAYS			
					
		LDT321V	LDT371V	LDT421V	LDT461V
Resolution		1366 x 768 (WXGA)	1366 x 768 (WXGA)	1366 x 768 (WXGA)	1920 x 1080 (FHD)
Format		16:9	16:9	16:9	16:9
Brightness		500cd/m ²	500cd/m ²	500cd/m ²	500cd/m ²
Weight (Net)		18kg with Stand 16kg without Stand	22kg with Stand 20kg without Stand	27.4kg with Stand 26kg without Stand	34.6kg with Stand 33kg without Stand
Contrast Ratio		1200:1	1200:1	1500:1	1500:1
Technology		LCD	LCD	LCD	LCD
HD Ready		YES (720p)	YES (720p)	YES (720p)	YES (1080p)
Speakers		7W + 7W	7W + 7W	7W + 7W	7W + 7W
Input / Output	Video Input	BNC x1, RCA x1, S- Video x1	BNC x1, RCA x1, S- Video x1	BNC x1, RCA x1, S- Video x1	BNC x1, RCA x1, S- Video x1
	Audio Input	RCA L/R x2, Stereo Mini Jack x1	RCA L/R x2, Stereo Mini Jack x1	RCA L/R x2, Stereo Mini Jack x1	RCA L/R x2, Stereo Mini Jack x1
	RGB Input	DVI-D (Digital) x1, Mini D-Sub 15 Pin x1, BNC, R, G, B, H, V x1	DVI-D (Digital) x1, Mini D-Sub 15 Pin x1, BNC, R, G, B, H, V x1	HDMI (with Digital Audio Support) x1, Mini D-Sub 15 Pin x1 BNC, R, G, B, H, V x1	HDMI (with Digital Audio Support) x2, Mini D-Sub 15 Pin x1 BNC, R, G, B, H, V x1
	Audio Output	RCA Pin Jack L/R x1	RCA Pin Jack L/R x1	RCA Pin Jack L/R x1	HD/DVD BNC, Y Pb/Cb, Pr/Cr x1
	RGB Output	D-Sub 15 Pin	D-Sub 15 Pin	D-Sub 15 Pin	D-Sub 15 Pin
	Communication	D-Sub 9 Pin (RS232)	D-Sub 9 Pin (RS232)	D-Sub 9 Pin (RS232)	D-Sub 9 Pin (RS232)
Input	RGB Input Compatibility	VGA, SVGA, XGA, WXGA, SXGA, UXGA	VGA, SVGA, XGA, WXGA, SXGA, UXGA	VGA, SVGA, XGA, WXGA, SXGA, UXGA	VGA, SVGA, XGA, WXGA, SXGA, UXGA, WUGXA
Signals	Video Input	NTSC / 4.43NTSC / PAL / PAL-60 / SECAM	NTSC / 4.43NTSC / PAL / PAL-60 / SECAM	NTSC / 4.43NTSC / PAL / PAL-60 / SECAM	NTSC / 4.43NTSC / PAL / PAL-60 / SECAM
	Compatibility	480i, 480p, 576i/576p, 720p, 1080i	480i, 480p, 576i/576p, 720p, 1080i	480i, 480p, 576i/576p, 720p, 1080i	480i, 480p, 576i/576p, 720p, 1080i, 1080p
Dimensions WxHxDmm (with the Stand)		789 x 535 x 246 mm	909 x 605 x 246 mm	1022 x 643.3 x 386.1 mm	1122 x 703.1 x 404.7 mm
Dimensions WxHxDmm (without the Stand)		789 x 476 x 133 mm	909 x 546 x 133 mm	1022 x 612.0 x 126.8 mm	1122 x 663 x 163.3 mm
Standard Accessories		Power Cord, VGA (Mini D-Sub 15p) Cable, User Manual, Wireless Remote Control, AAA Battery x2, Clamper x2, Screw for Clamper x2, Main Switch Cover, Cable Holder, Desktop Stand	Power Cord, VGA (Mini D-Sub 15p) Cable, User Manual, Wireless Remote Control, AAA Battery x2, Clamper x2, Screw for Clamper x2, Main Switch Cover, Cable Holder, Desktop Stand	Power Cord, VGA (Mini D-Sub 15p) Cable, User Manual, Wireless Remote Control, AAA Battery x2, Clamper x2, Screw for Clamper x2, Main Switch Cover, Cable Holder, Desktop Stand	Power Cord, VGA (Mini D-Sub 15p) Cable, User Manual, Wireless Remote Control, AAA Battery x2, Clamper x2, Screw for Clamper x2, Main Switch Cover, Cable Holder, Desktop Stand
Optional Accessories		SP-321V Speakers	SP-371V Speakers	SP-421V Speakers	SP-461V Speakers
Speaker Dimensions WxHxDmm		75 x 545.8 x 83 mm	75 x 476.3 x 83 mm	95 x 612 x 72.1 mm	95 x 663 x 81.6 mm
Warranty		3 year RTB	3 year RTB	3 year RTB	3 year RTB

Video Walls

		LARGE FORMAT VIDEO WALLS			
					
		50XL	67XL	50PH	67PH
Technology		DLP™ Technology (0.7" DMD Chip)	DLP™ Technology (0.7" DMD Chip)	DLP™ Technology (0.95" DMD Chip)	DLP™ Technology (0.95" DMD Chip)
Native Resolution		XGA (1024 x 768 pixels)	XGA (1024 x 768 pixels)	SXGA+ (1400 x 1050 pixels)	SXGA+ (1400 x 1050 pixels)
Screen	Size	50" (1015 x 761 mm)	67" (1359 x 1019 mm)	50" (1015 x 761 mm)	67" (1359 x 1019 mm)
	Screen to Screen Gap	0.2-1.0 mm (typ.)*1	0.2-2.0 mm (typ.)*2	0.2-1.0 mm (typ.)*2	0.2-2.0 mm (typ.)*2
Brightness	Bright Mode	1000cd/m ² (typ.)	500cd/m ² (typ.)	1000cd/m ² (typ.)	500cd/m ² (typ.)
	Normal Mode	800cd/m ² (typ.)	400cd/m ² (typ.)	800cd/m ² (typ.)	400cd/m ² (typ.)
Contrast Ratio		1600:1 (typ)	1600:1 (typ)	1800:1 (typ.)	1800:1 (typ.)
Colour Reproduction		16.7 Million	16.7 Million	16.7 Million	16.7 Million
Lamp System	Lamp	High Pressure Lamp	High Pressure Lamp	High Pressure Lamp	High Pressure Lamp
	Average Lamp Life	6000 Hours (Bright Mode) 10000 Hours (Normal Mode) *3	6000 Hours (Bright Mode) 10000 Hours (Normal Mode) *3	6000 Hours (Bright Mode) 10000 Hours (Normal Mode) *3	6000 Hours (Bright Mode) 10000 Hours (Normal Mode) *3
Input Scanning Frequency		Horizontal: 31.5kHz-78kHz Vertical: 49Hz-85Hz RGB Signal Level: 0.7Vp-p Positive/75fl	Horizontal: 31.5kHz-78kHz Vertical: 49Hz-85Hz RGB Signal Level: 0.7Vp-p Positive/75fl	Horizontal: 31.5kHz-78kHz Vertical: 49Hz-85Hz RGB Signal Level: 0.7Vp-p Positive/75fl	Horizontal: 31.5kHz-78kHz Vertical: 49Hz-85Hz RGB Signal Level: 0.7Vp-p Positive/75fl
Analog RGB Signal Input		Synchronous: TTL Level (Positive / Negative) Sync on Green	Synchronous: TTL Level (Positive / Negative) Sync on Green	Synchronous: TTL Level (Positive / Negative) Sync on Green	Synchronous: TTL Level (Positive / Negative) Sync on Green
Control Signal Input/Output		Mitsubishi Original Control Link: D-Sub 9 Pins x2 (Input, Output) Wire Remote: F3.5 Jack IR Receiver	Mitsubishi Original Control Link: D-Sub 9 Pins x2 (Input, Output) Wire Remote: F3.5 Jack IR Receiver	Mitsubishi Original Control Link: D-Sub 9 Pins x2 (Input, Output) Wire Remote: F3.5 Jack IR Receiver	Mitsubishi Original Control Link: D-Sub 9 Pins x2 (Input, Output) Wire Remote: F3.5 Jack IR Receiver
Power Consumption (100 / 240V)		195 / 195W	195 / 195W	195 / 195W	195 / 195W
Power		AC 100-240V +/-10%, 50/60Hz +/-1Hz	AC 100-240V +/-10%, 50/60Hz +/-1Hz	AC 100-240V +/-10%, 50/60Hz +/-1Hz	AC 100-240V +/-10%, 50/60Hz +/-1Hz
Operation	Temperature	10°C-35°C	10°C-35°C	10°C-35°C	10°C-30°C
Environment	Humidity	20-80% (Non Condensing)	20-80% (Non Condensing)	20-80% (Non Condensing)	20-70% (Non Condensing)
Weight		60kg	90kg	64kg	91kg

*1: Depending on configuration and environment. 1.0mm recommended for large walls to allow for expansion due to heat and humidity

*2: Depending on configuration and environment. 2.0mm recommended for large walls to allow for expansion due to heat and humidity

*3: Depending on configuration and environment. 3.0mm recommended for large walls to allow for expansion due to heat and humidity

*Average lamp life is an average value that we obtained as a result of our original verification. This verification is not guaranteed

50" Variations for XGA Resolution:

VS-50XL50U – Standard Rear Access
VS-50XLW50U – Dual Lamp Rear Access
VS-50XLF50U – Front Access
VS-XLWF50U – Dual Lamp Front Access

67" Variations for XGA Resolution

VS-67XL50U – Standard Rear Access
VS-67XLW50U – Dual Lamp Rear Access
VS-67XLF50U – Front Access
VS-67XLWF50U – Dual Lamp Front Access

For PH series:

Variations (all dual lamp)
VS-50PHF50U – Front Access
VS-60PHF50U – Front Access

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Specifications subject to change without notice (E and OE)