

**LiteSentry Spare Parts List**  
**Osprey 6 / 7 / 8 / 9 Distortion + Flatness Inspection System**



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*Prices are subject to change*

LiteSentry Part Number	Description	Manufacturer	Price	Recommended Quantity	Note
<b>Cameras, Cables, and Cards</b>					
DA1176	Camera Assembly, Blackfly, 8mm Lens, Aligned on Precision Mount	LiteSentry LLC	\$3,510		
DA800-21	Cable Assembly, Ethernet, Cat 6, 21ft	CDW	\$41		
PE1182	Camera Card, Power Over Ethernet, 2 Port, PCIe	FLIR (PGR)	\$300		
000853	POE Power Injector, 8-Port, Passive, Gigabit, 120W, Without Power Supply	POE Texas	\$88		
PE1352	Network Card, GigE, 4-Port, Intel I340-T4	CDW	\$524		
<b>Processor</b>					
DA790	PC, Dell T5810, Blackfly Configuration	Dell / LiteSentry LLC			Contact LiteSentry
PE1149	Network Adapter, Gigabit Ethernet, PCI-Express Interface	StarTech	\$52		
PE1144	Display, 24 inch, 1920x1080, Flat Panel, LCD, DisplayPort Input	ViewSonic	\$342		Procure locally
PE1019	Display Cable, DisplayPort, 10ft, Black	StarTech	\$36		Procure locally
PM913	Display Mounting Arm	Ergotron	\$298		Procure locally
<b>Lighting</b>					
DA1136	LED 6 Lamp Array Module, 305mm Length, MCPCB, White - SLIDE IN CONNECTOR	LED Dynamics	\$125	1	
00237	LED 6 Lamp Array Module, 305mm Length, MCPCB, White, with Wire Leads SLIDE IIN CONNECTOR	LED Dynamics	\$125		
00309	LED 6 Lamp Array Module, 305mm Length, MCPCB, White - DROP IN CONNECTOR	LED Dynamics	\$125		
00663	LED 6 Lamp Array Module, 305mm Length, MCPCB, White, with Wire Leads DROP IN CONNECTOR	LED Dynamics	\$125		
DA1188	Auto-off LED light circuit - 15A Relay, RB12, 5V Output Module, hardware	LiteSentry LLC	\$615		
000857	Power Supply, 48VDC 2.5A Output, 120W, 90-264VAC Input	TRC Electronics	\$78		
<b><u>Osprey Diffuser, Patterned, Acrylic, 12.5in x System Dimension (Column to Column ID), 0.177" Thick</u></b>					
DA1061	↳ Diffuser for System ID = 75"				
DA714	↳ Diffuser for System ID = 99"				Highly Recommended
DA677-114	↳ Diffuser for System ID = 114.25"	LiteSentry LLC	\$995	1	Check diffuser dimensions
DA677	↳ Diffuser for System ID = 123"				
DA678	↳ Diffuser for System ID = 135"				Highly Recommended
DA679	↳ Diffuser for System ID = 147"	LiteSentry LLC	\$1,209	1	Check diffuser dimensions
DA680	↳ Diffuser for System ID = 159"				
<b>LabJack I/O Parts</b>					
PE802	I/O device, LabJack U3	LabJack	\$238	1	
PE127	Relay board, LabJack RB12 (no relay modules included)	LabJack	\$298	1	
PE1145	Relay, Output Module, G5 Style, 5VDC Input	Grayhill	\$42	1	Procure locally
PE1166	Relay, 3 Pole Double Throw, 15A @ 24VDC	Automation Direct	\$25	1	Procure locally
PE1167	Relay Socket 783 Series	Automation Direct	\$14	1	Procure locally
PE1195	Cable, USB-A to USB-B, 3' With Ferrite Chokes	Tripp Lite	\$17		Procure locally

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**Controls & Electrical**

PE1022	Circuit Breaker, 15A D Curve Slow Blow for A/C	Eaton	\$68	1	Procure locally
PE957	Circuit Breaker, 10A C Curve Normal Blow	Eaton	\$62	2	Procure locally
PE955	Circuit Breaker, 2A C Curve Normal Blow	Eaton	\$54	2	Procure locally
000603	Circuit Breaker, 15AC-Curve Normal Blow	Eaton	\$59	1	Procure locally
PE158	Power Supply, 5 VDC @ 5A Output, 85-264VAC, DIN Mountable - refer to system electrical schematic	Mean Well	\$57	1	Procure locally
PE649	Power Supply, 24VDC @ 2A Output, 85-264VAC, DIN Mountable - refer to system electrical schematic	Mean Well	\$57	1	Procure locally
00857	Power Supply, 24VDC @ 2A Output, 85-264VAC, DIN Mountable - refer to system electrical schematic	Mean Well	\$78	1	Procure locally
000436	Power Supply, 48VDC/2.5A Out, 90-264VAC In, 120W, DIN Mountable	Mean Well	\$83	1	Procure locally
PE1325	Power Supply, 24VDC @ 20A (480W) - refer to system electrical schematic	Automation Direct	\$480		
PE621	Power Supply, 24VDC @ 20A (500W) - refer to system electrical schematic	Automation Direct	\$794	1	
PE652	Power Supply, 24VDC @ 24A (600W) - refer to system electrical schematic	Automation Direct	\$810		
PE1008	Surge Protector, 120VAC, 15A	Tripp Lite	\$123		Procure locally
PE1239	Switch, Selector, 2 Pos, 30mm, Normally Open Contact Block	Eaton	\$76	1	
PE1242	Encoder, Bi-Directional with 2540 PPR, Flange Mount	Danaher Controls	\$886	1	Highly Recommended
DA701	Encoder Cable Assembly, 7-pin connector, encoder to control cabinet - 25ft length	LiteSentry LLC	\$153		Confirm length - price may vary
DA376	Encoder Mounting Bracket (3pc with fasteners)	LiteSentry LLC	\$152		
000757	TS2000 Thickness and Coating Sensor	LiteSentry LLC	\$4,900	1	
DA777	Raven 12 Glass Thickness and Coating Sensor	LiteSentry LLC	\$8,700	1	
DA543	Raven Power Cable Assembly, 20ft	LiteSentry LLC	\$86		
DA800-21	Raven Data Cable Assembly, Ethernet, Cat 6, 21ft	Blackbox	\$40		
PM994	Air Conditioner, 115VAC, 2000-3000 BTU, DTS3041	Pfannenberg			Procure from manufacturer
DA839	Network Switch, 5 Port - with DIN rail mount	TRENDNet	\$69	1	Procure locally
DA1183	Osprey Thin Client with Monitor Assembly (Includes thin client, monitor, keyboard / mouse, and all cables)	LiteSentry LLC	\$786		
000755	Osprey Thin Client Assembly (Includes thin client and power supply)	LiteSentry LLC	\$341		
PE907	Cable, USB, Bulkhead, 1 Meter	L-Com	\$49		
PE968	Indicator Light, USB	Delcom	\$128		
PE1379	Barcode Scanner, Scanner and USB Receiver/Charger	Zebra	\$758		
000347	Barcode Scanner, Scanner Only	Zebra	\$741		
PE1383 & PE1384	Barcode Scanner, Charging Base with Power Adapter	Zebra	\$200		