

**LiteSentry Spare Parts List
Hawk 2 / 3 / 4 Defect Inspection System**



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Prices are subject to change

LiteSentry Part Number	Description	Manufacturer	Price	Recommended Quantity	Note
<i>Note: * consult LiteSentry for system-specific configuration.</i>					
Cameras, Cables, and Cards					
DA411	Camera Assembly, PGR Grasshopper Aligned on Modified X95 Carriage w/ Adapter Plate	LiteSentry LLC	\$4,014	1	
PE745*	Cable Ass'y, 1394 Firewire 7.7M, 9P/9P, locking - Grasshopper camera	Unibrain	\$66	1	
PE830	Firewire 6P to 9P converter plug	Unibrain	\$24		
PE694*	Adapter Card, FireWire , Dual Bus 1394b,	FLIR	\$500	1	
DA1137	Camera Assembly, Blackfly, 25mm Lens, Hi-Def, Aligned on Precision Mount	LiteSentry LLC	\$2,220	1	
DA800-21	Cable Assembly, Ethernet, Cat 6, 21ft	CDW	\$41		
PE1182	Camera Card, Power Over Ethernet, 2 Port, PCIe	FLIR	\$300	1	
PE1354	POE Power Injector, 4-Port, Passive, Gigabit, 48W	Wifi-Texas	\$150		
000853	POE Power Injector, 8-Port, Passive, Gigabit, 48W, Without Power Supply	Wifi-Texas	\$150		
Processor					
DA1193*	PC, Dell Precision T7810 Hawk VP configuration	Dell			Contact LiteSentry
DA1192*	PC, Dell Precision T5810 Hawk SP configuration	Dell			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
Lighting and Diffuser					
DA660	LED 6 Lamp Array Module, Cree with 11 deg lens, 200 mm length – Hawk 4	LiteSentry LLC	\$125	2	
DA1188	Hawk auto-off LED light circuit - 15A Relay, RB12, 5V Output Module, hardware	LiteSentry LLC	\$669		
DF1226	Diffuser; Acrylic, 0.177in, 120" L x 8.713" W, Plexiglas Colorless Frosted (made to size)	Plexiglas			Contact LiteSentry
DF1241	Light Trap Reflective Panel; BLACK Acrylic - 3048mm x 596mm	Plexiglas		1	Contact LiteSentry
LabJack I/O Parts					
PE802	I/O device, LabJack U3	LabJack	\$248	1	
PE127	Relay board, LabJack RB12 (no relay modules included)	LabJack	\$298	1	
PE514	Temperature Probe, for LabJack, EI-1022	Labjack	\$58		
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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Control & 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	1	Procure locally
PE955	Circuit Breaker, 2A C-Curve Normal Blow	Eaton	\$54	1	Procure locally
000603	Circuit Breaker, 15A C-Curve Normal Blow	Eaton	\$59	1	Procure locally
PE1239	Switch, Selector, 2 Pos, 30mm, Normaly Open Contact Block	Eaton	\$76	1	
PE1361	ISOBAR, 8 outlet surge protector - Tripp lite	CDW	\$122		
PE394	Power Supply, 300 W Switching, Input 120 / 240 VAC, Output 24 VDC, 6.0 A, 1% V regulation	Automation Direct	\$466	1	
PE1325	Power Supply, 480W Switching, Input 120-375 VAC, Output 24 VDC, 20 A,	Automation Direct	\$384	1	
PE649	Power Supply, 24VDC/2A Out , 85-264 VAC In, DIN mountable	Mean Well	\$57	1	
PE158	Power Supply, 5VDC/5A Out , 85-264 VAC In, DIN mountable	Mean Well	\$57	1	
000857	Power Supply, 48VDC/2.5A Out, 90-264VAC In, 120W, DIN Mountable	Mean Well	\$83	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		
DA777	Raven 12 Glass Thickness and Coating Sensor	LiteSentry LLC	\$8,700	1	
DA543	Raven Power Cable Assembly, 20ft	LiteSentry LLC	\$104	1	
DA800-21	Raven Data Cable Assembly, Ethernet, Cat 6, 21ft	Blackbox	\$40	1	
PM857	AC Cooling Unit, 4000 BTU, Pfannenberg DTS 3141, 115 VAC / 60 Hz, RAL 7035	Phfannenberg			Procure from Manufacturer
PE1375	KVM Switch, 2-Port, Displayport, Tripp Lite	CDW	\$290		
DA839	Network Switch, 5 Port - with DIN rail mount	TRENDNet	\$56		
PE519	Network Switch, 8 Port, 10/100/1000	TRENDNet	\$65	1	
PE1149	Network Adapter, Gigabit Ethernet, PCI-Express Interface	CDW	\$52	1	
DA1183	Thin Client with Monitor Assembly (Includes thin client, monitor, keyboard / mouse, and all cables)	LiteSentry LLC	\$786		
000755	Thin Client Assembly (Includes thin client and power supply)	LiteSentry LLC	\$341		
PE907	Cable, USB, Bulkhead, 1 Meter	L-Com	\$49		