

CAMIRA[®] INFRARED FOCAL PLANE ARRAY EVALUATION and DEMONSTRATION SYSTEM PRICE LIST (Effective April 1, 2019)

BASIC CAMIRA[®] EVALUATION and DEMONSTRATION SYSTEM

Part Number	Description	Unit Price
CIR-BASE	CamIRa [®] head with one CIR-ACLK card (4 FPA clocks), one CIR-ABIAS card (4 FPA bias supplies) and one CIR-AD14HS A/D card (2 channels). CamIRa [®] digital electronics board set consisting of one CIR-PG40 and one CIR-10G-160. CamIRa [®] software and timing editor software. All interface cables except FPA cabling. Two days of training at SE-IR.	\$ 53,500.00

ADD-ON CAMIRA[®] HEAD CARDS

Part Number	Description	Unit Price
CIR-ACLK	CamIRa [®] computer controlled adjustable clock driver card. Four channels per card. Maximum of 4 cards per CIR-BASE system.	\$ 2,150.00
CIR-ABIAS	CamIRa [®] computer controlled adjustable bias card. Four bias supplies per card. Maximum of 3 cards per CIR-BASE system.	\$ 1,850.00
CIR-AD14HS	Two channel 20 MSPS per channel 14-bit A/D card.	\$ 5,450.00
CIR-AD16	Four channel 2 MSPS per channel 16-bit A/D card.	\$ 6,850.00
CIR-DIG16	16-bit digital input card.	\$ 3,100.00
CIR-DVM2	40 channel HP34980A DVM. Includes cabling and built-in CamIRa [®] software support.	\$ 7,200.00

CAMIRA[®] DIGITAL ELECTRONICS BOARDS and SOFTWARE

Part Number	Description	Unit Price
CIR-PG40	Timing pattern generator board and timing pattern editor software. Included with CIR-BASE.	\$ 12,500.00
CIR-PT10G-160	10 GigE frame grabber with CamIRa [®] software, 160 MSPS	\$ 10,000.00
CIR-PT10G-320	10 GigE frame grabber with CamIRa [®] software, 320 MSPS	\$ 14,500.00
CAMIRA	CamIRa [®] application software.	\$ 3,500.00

CAMIRA[®] CABLES

Part Number	Description	Unit Price
CIR-RS25	25' parallel RS-422 high-speed cable.	\$ 175.00
CIR-RS50	50' parallel RS-422 high-speed cable.	\$ 275.00
CIR-RS100	100' parallel RS-422 high-speed cable.	\$ 475.00
CIR-PWR12	Power supply cable. Included with CIR-BASE.	\$ 300.00
CBLE-ST	Standard cable set. Maximum of 22 coax lines.	\$ 750.00
COAX-SMA	Additional lines for standard cable set.	\$ 35.00

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MISCELLANEOUS CAMIRA[®] PRODUCTS

Part Number	Description	Unit Price
CIR-RTVID	Real-time digital data capture to disk. Includes PCI frame capture, Streams5 software from IO Industries, 1.5 Tbyte high speed RAID storage and rack mount computer chassis with Windows 7. Call for current configuration.	\$ 19,750.00
CIR-HDHS	High-speed CamlRa [®] head hardware, backplane, trigger/sync, voltage reference card and LVDS interfaces. Included with CIR-BASE.	\$ 10,900.00
CIR-HDHS2	Rackmount camera head with extended backplanes.	\$ 15,500.00
CIR-PWR	CamlRa [®] low noise DC power supply +/-15V @3A, +/-5V @1.5A, +5V @3A. Included with CIR-BASE. Includes one power supply cable.	\$ 2,300.00
CIR-PWR2	Rackmount power supply, +/- 15V @5A, +/-5V@6A, +5V @2A, +12V @0.5A (isolated power for 12VDC fans). Includes two power supply cables.	\$ 4,500.00
CIR-8CHBUF	Eight channel buffer card.	\$ 1,400.00

RACK MOUNT COMPUTER

Part Number	Description	Unit Price
CIR-SERVER	Rack mount RAID server chassis, dual processors, 1.2 Tbyte high speed RAID storage, cordless keyboard and mouse, DVD-RW, and Windows 7. Call for current configuration.	\$ 8,300.00

ENGINEERING SUPPORT LABOR AND MAINTENANCE

Part Number	Description	Unit Price
CIR-ELABOR	Engineering labor for NRE or technical development support.	\$ 150.00/Hr.

SMALL CAMERA HEAD ELECTRONICS The small camera head electronics are built for a specific type of ROIC which must be indicated at the time an order is placed. Certain ROIC setups require additional integration labor (CIR-ELABOR @\$150.00/Hr). The small camera head electronics include all the mating MDM connectors. A small camera head can be returned to SE-IR to change the type of ROIC at an additional cost.

Part Number	Description	Unit Price
CIR-CMHD4	Small camera head electronics, 4 A/D channels.	\$ 18,100.00
CIR-CMHD8	Small camera head electronics, 8 A/D channels.	\$ 21,200.00
CIR-PT1000	CAT6 GigE Vision interface for small camera with CamlRa [®] software.	\$ 4,850.00

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DISCLAIMER

AS WITH ANY GENERAL PURPOSE TEST SYSTEM, THE SETUP FOR OPERATING AN FPA OR OTHER DEVICE IS VERY SPECIFIC FOR THAT DEVICE. IMPROPER SETUP AND OPERATIONS CAN DAMAGE AND EVEN DESTROY THE DEVICE BEING TESTED. IT IS IMPERATIVE AND CUSTOMARY FOR THE USER TO VERIFY PROPER SIGNAL LEVEL AND CONNECTIONS BEFORE INSTALLING A REAL DEVICE. MOST USERS VERIFY SYSTEM SETUP USING AN EXPENDABLE PART SO THAT IF AN IMPROPER SETUP IS USED A GOOD PART WILL NOT BE DAMAGED. THE USER UNDERSTANDS IN USING THIS EQUIPMENT THAT THEY ARE SOLELY LIABLE FOR ANY DAMAGE THAT MAY RESULT TO THE DEVICE BEING TESTED OR OPERATED.

LIMITED WARRANTY

WARRANTY OF EQUIPMENT EXCLUDES THE DEVICE BEING TESTED OR OPERATED.

SE-IR CORPORATION WARRANTS ITS PRODUCTS TO OPERATE IN ACCORDANCE WITH ITS SPECIFICATIONS FOR A PERIOD OF 1 YEAR FROM DATE OF RECEIPT. THIS WARRANTY EXTENDS ONLY TO THE PARTS MANUFACTURED OR FABRICATED BY SE-IR CORPORATION. SOFTWARE PROVIDED WITH THE CAMIRA SYSTEM IS COVERED UNDER THE TERMS OF THE SOFTWARE LICENSE AGREEMENT. PARTS PROVIDED BY CUSTOMERS OR OTHER MANUFACTURERS ARE SOLELY THE RESPONSIBILITY OF THE RESPECTIVE SUPPLIER; THIS INCLUDES BUT IS NOT LIMITED TO LENS AND FILTER ASSEMBLIES. LIABILITY IS LIMITED SOLELY TO THE REPAIR OF DEFECTIVE EQUIPMENT MANUFACTURED OR FABRICATED BY SE-IR CORPORATION. IN NO EVENT SHALL SE-IR CORPORATION BE LIABLE FOR OTHER DAMAGES RESULTING FROM THE MALFUNCTION OR DEFECTIVE OPERATION OF THE EQUIPMENT INCLUDING BUT NOT LIMITED TO DAMAGE TO THE DEVICE BEING TESTED OR OPERATED. IN ANY EVENT SE-IR CORPORATION'S TOTAL LIABILITY SHALL NOT EXCEED THE PURCHASE PRICE OF THE SYSTEM. NO WARRANTY OF EQUIPMENT IS PROVIDED FOR ANY EQUIPMENT NOT PAID FOR IN FULL.

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This agreement is governed by the laws of the state of California.

Warranty 1 year parts and labor does not include normal wear and tear, abuse or modifications made by customer.

Software is provided under a License Agreement.

Terms are net 30 days on approved credit. All orders are F.O.B. Goleta, CA unless quoted otherwise.

SE-IR Corporation reserves the right to change prices or configuration at any time without notice.