



# ALRAD IMAGING

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## ALRAD IMAGING Product Line Profile



### Principal / Manufacturer

### Specialist Product Area / Applications

### Any Trade Name

#### Cameras

Artray	USB2.0 LVDS, HDMI CCD & Cmos / Biology, Industrial & Scientific	Artcam
Costar	Compact CCD Analogue, Camera-Link, FireWire IEEE-1394, Gigabit-E Cameras	
e2v Semiconductors	CCD & CMOS Line & Area Scan / Industrial & Scientific	DiViNA, AViiVA, ELiXA
Epix Inc.	CMOS High-Speed (200FPS) Camera Systems / Industrial & Scientific	Silicon Video
Hitachi	Analogue & Digital, GigE 1 & 3xCDD Cameras / Industrial & Scientific	
ISG	CMOS Line & Area Scan Cameras / Industrial & Scientific	LightWise
JVC	Analogue & Digital 1 & 3xCDD Cameras / Industrial & Scientific	
Matrix Vision	CCD USB2.0, GigE & Intelligent cameras, mvBlueFOX, mvBlueCOUGAR, mvBlueLYNX	
Panasonic	Analogue & HD 1 & 3xCDD Cameras / Industrial, Scientific, Medical	
Raptor Photonics	Analogue & Digital EMCDD Low-Light Cameras / Astronomy, Security, Industrial & Scientific	
SATIR	Thermal Infrared Cameras / Scientific, Medical, Industrial & Predictive Maintenance	
Sensovation	Intelligent CCD & CMOS Cameras for Biotechnology & Spectroscopy	SamBa
Sentech	Analogue & Digital + HD Cameras and Board Cameras / Industrial & Scientific	STC
Tesin	High-Speed Digital VGA CMOS Cameras / Industrial & Scientific	Cyclocam
Toshiba-Teli	Compact CCD Analogue, Camera-Link, FireWire IEEE-1394, Gigabit-E Cameras	teli
The Imaging Source	USB 2.0, FireWire IEEE-1394 & GigE Cameras / Astronomy, Industrial & Scientific	
TVI-Vision Oy	High-Speed Colour Linescan 3-CCD Cameras / Industrial & Scientific	XIIMUS
UNIQ VISION	CCD 10 & 12 Bit Camera-Link Cameras	UNIQ
VDS Vosskühler	High Resolution, NIR & IR InGaAs & High-Speed Digital Cameras / Industrial & Scientific	
Vector International	CMOS Cameras / Industrial / Scientific & OEM	C-Cam
Watec	Analogue Cased & Board Cameras / Astronomy, Security & Scientific	WAT

#### Camera Lenses

CBC / Computar	C/CS-Mount, Fixed, Varifocal, Zoom, Mega-Pixel, Telecentric & Macro Zoom
FUJINON	C/CS-Mount, Fixed, Varifocal, Zoom, 3-CCD & Mega-Pixel
Kowa	C & F-Mount, Fixed, Mega-Pixel, 3-CCD, HD, Line-Scan, Telecentric, SWIR & Macro Zoom
Opto-Engineering	Telecentric, Polyview & Pericentric Lenses (for 360° visual inspections), Custom Optics
PENTAX / Cosmicar	C/CS-Mount, Fixed, Varifocal, Zoom, Mega-Pixel, F, K & M12 Mount Area & Line-Scan
Questar Corporation	Long-Range Surveillance
SENKO	C/CS-Mount, Fixed, Varifocal, Zoom & Mega-Pixel
Vision & Control	C-Mount, Fixed, Zoom, Mega-Pixel, Telecentric & Macro Zoom
VST	C-Mount, Fixed, Zoom, Mega-Pixel, Telecentric & Macro Zoom

#### Frame Grabbers, USB/ FireWire Converters & Cables

BitFlow Inc	Analogue & Digital Frame Grabbers	R64, Road Runner, Neon, Karbon
Epix Inc	Analogue & Digital Frame Grabbers and CMOS High-Speed Camera Systems	PIXCI
Gidel	Digital Processing FPGA boards / Machine Vision, Medical, Military, Telecoms, ATE, R&D	
Intercon 1	Cables: Camera-Link, Mini-CL, Fire-Wire a&b, GigE (Standard & Robotic Grade)	
i2S	Line-Scan Frame Grabbers and Processing Software	Horizon
Matrix Vision	Analogue & Digital Frame Grabbers	mvDELTA / GAMMA / SIGMA / TITAN / HYPERION
The Imaging Source	Analogue Frame Grabber Cards and USB/ FireWire Converters	

#### Machine Vision Lighting

Coherent	Uniform Structured Laser-Line Lighting for Industrial and Machine Vision applications	
DCM Sistemas	LED Ring, Square, Bar, Edge, Plate, Dome, Coaxial, Lighting	
Elmed Messtechnik	Stroboscope lighting	Helio-Strob
Opto-Engineering	LED Ring, Pattern, Structured, Back Lights for Machine Vision Lighting solutions	
Photonic Optics	Fibre Optic & LED Lighting	
Vision & Control	LED Ring, Square, Bar, Edge, Plate, Dome, Coaxial, Lighting	
Volpi AG	Machine Vision Lighting solutions	Intralux

#### Imaging Software Tools

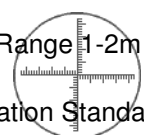
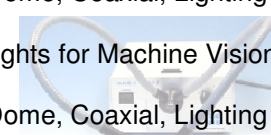
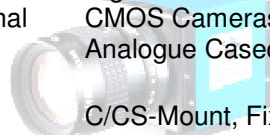
Advision	Image Measurement and Cross-Hair Overlay	ActiveGig
A&B Software	Universal Dcam compliant Camera SDK	Active GigE, ImageWarp
Epix Inc.	Image Analysis Software for many applications.	XCAP
Matrix Vision	Machine Vision Image processing modular software	Image Impact
Norpix	Digital Video Sequence Recording	StreamPix

#### Long Range Microscopes

Questar Corporation	Long-Range 1-2m Microscope
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#### Imaging Calibration Tools

Applied Image	Calibration Standards, Test Targets, Reticles/Graticules, Encoder Scales
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# ALRAD ELECTRONICS

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## ALRAD ELECTRONICS Product Line Profile



### Principal / Manufacturer

### Specialist Product Area

### Any Trade Name

#### Infrared Detectors

Agiltron  
Dexter Research Centre

SensArray PbS & PbSe Detectors & Arrays  
Thermopile Infra Red Detectors



SensArray

#### Photodiodes

Centronic

Silicon Photodiode Detectors & Arrays



Burle

#### Channel Electron Multipliers

Photonis  
Dr Sjuts

Channeltrons & Micro Channel Plates  
Channel Multipliers

#### Spectrometers

Cianflone Scientific

Portaspec X- Ray Spectrometer for Elemental Analysis

Portaspec

#### Lasers and laser protection

Altechna  
Coherent  
LasereX  
LaserShields  
Z-Laser



High Power Lasers, Modules & Drivers  
Line & Pattern Lasers for Industrial and Machine Vision applications  
Laser Diode Modules  
Eye Laser Protection Glasses  
2D Laser Projection Systems for Industrial template applications

Lasiris

#### Image Intensifiers

Proxitronic

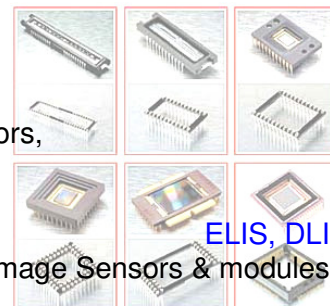
Image Intensifier Tubes



#### Image Sensors & Carrier Sockets

Andon

Image Sensor Sockets for all manufactures sensors,  
Opto Electronic Gas sensor sockets,  
Ball Grid Array sockets and Adaptors  
CMOS Line & Area Scan HDTV Image Sensors  
CMOS Line & Area Scan Sensors, and Contact Image Sensors & modules



ELIS, DLIS

#### Pulsed Power, High Voltage products

IXYS Colorado was Directed Energy Inc

HV Pulse Generators, Pulsed Laser Diode Drivers High speed MOSFET's

Pearson Electronics

High Voltage Current Monitors/Transformers

#### Radiation Detectors and Instruments

Centronic

Geiger Muller Tubes, Proportional Counters

Spectrum Techniques LLC

Nuclear Counting Equipment

#### Film Densitometers, Sensitometer & Spectrophotometer

Tobias Associates Inc.

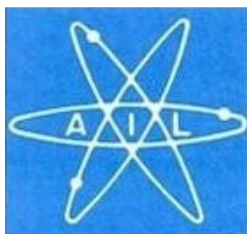
Bench & Hand-Held models for Industrial, Graphic Arts, Radiology

For more information on these products call 01635 30345 or visit our web site: [www.alrad.co.uk](http://www.alrad.co.uk)

*Alrad Instruments Limited is a private British Company Established in 1970.  
The company has two trading divisions providing a variety of instruments and  
components for industrial, scientific, medical and research applications:*

**ALRAD IMAGING:** *Image Capture, Analysis and Processing.*

**ALRAD ELECTRONICS:** *Electro-Optical Detectors, Laser Emitters and Components,  
Analytical Instrumentation and Detectors.*



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