



ALRAD IMAGING

Leading UK Distributor of Vision Components
for industrial, scientific & research applications

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ALRAD IMAGING Product Line Profile



Principal / Manufacturer

Specialist Product Area / Applications

Any Trade Name

Cameras



ADVISION	AVCAM-200HD: HD 2MP Microscopy C-Mount Camera c/w integral SD Card Recorder	
Andor-Apogee Imaging	CCD, USB2, up to 29MP / Astrophotography, Scientific	ASPEN, ALTA, ASCENT
Artray	CCD, CMOS, SWIR & Thermal, USB2&3, HDMI / Biology, Industrial & Scientific	Artcam
Epix Inc.	CMOS High-Speed (200fps) Camera Systems / Industrial & Scientific	Silicon Video
Hitachi	CCD, 3CDD Cameras, Analogue & Digital: CameraLink & GigE / Industrial & Scientific	
ISVI Corp.	CMOS Hi-Res. Hi-Speed Area Scan Cameras, CameraLink & CoaXPress Ind. & Sci.	
JAI (TVI-Vision)	High-Speed Colour Linescan 3CCD Cameras / Industrial & Scientific	PRIIMUS, XIIMUS
Matrix Vision	Smart Cameras	mvBlueGEMINI
NIT	SWIR WDR InGaAs USB2 Camera / Industrial, QC & Scientific	WiDy
OMRON-SENTECH	Analogue & Digital USB2/3, CL GigE & HD Cameras, / Industrial & Scientific	STC
Opto GmbH	High Speed (Recording) GigE Camera Kit / QC, Industrial & Scientific	TroubleBox
Panasonic	CCD & 3CDD 4K Cameras Analogue & Digital / Industrial, Scientific, Medical, Broadcast	
TeraSense	GaAsTerahertz (THz) & sub-THz Frequency Imaging, Area & Linear Linescan	
Toshiba-Teli	Compact CCD Analogue, CameraLink, IEEE-1394b, GigE Cameras / Industrial	teli
The Imaging Source	CCD & CMOS USB2/3, IEEE-1394a & GigE Cameras / Industrial & Scientific	
Tucsen Photonics	sCMOS 16MP USB3, Cameras / Scientific & Metrology	Dhyana, DigiRetina, TrueChrome
Watec	CCD & CMOS Analogue, USB2 & HD Cameras / Astronomy, Security & Scientific	WAT



Monitors

EIZO	15-60" LCD Video Monitors, VGA, HDMI, SDI /Broadcast /Medical & Scientific
Orion Technology A/S	7-42" LCD Video Monitors, VGA, HDMI, SDI /Security/Broadcast, Industrial & Scientific
Vigilant Vision	5"- 64" LCD/LED Video Monitors, VGA, HDMI, SDI / Security / Industrial & Scientific



Camera Lenses

ADL	C/CS-Mount, Fixed, Varifocal, Zoom & Megapixel, F0.95	
CBC / Computar	C/CS/M12 S-Mount, Fixed, Varifocal, Zoom, Megapixel, Telecentric, Macro Zoom, SWIR	
FUJINON	C/CS-Mount, Fixed, Varifocal, Zoom, Megapixel, 3-CCD	
Kowa	C & F-Mount, Fixed, MP, HD, 3-CCD, Line-Scan, Telecentric, Macro Zoom & SWIR	
Lensation	C and M12 S-Mount, Fixed, Megapixel, Macro Zoom, Telecentric	
Opto-Engineering	Telecentric, Polyview & Pericentric Lenses (for 360° visual inspections), Custom Optics	
Opto GmbH	Telecentric, Polyview & Pericentric Lenses (for 360° visual inspections), Custom Optics	
RICOH	C/CS-Mount, Fixed, Varifocal, Zoom, MP, F, K & M12/S-Mount, Area, LineScan	
Questar Corporation	Long-Range Surveillance & Astronomy	
Schneider-Kreuznach	C, M42, M58, V & F-Mount, High Precision MP, SWIR	Cinegon, Apo-Xenoplan, Unifoc
Spacecom	C-Mount, Fixed, Zoom, Megapixel, Varifocal, 3CCD, SWIR	
VICO Technology	C & F-Mount, Fixed, Megapixel, Low-distortion Telecentric, Bi- Telecentric	
VS Technology	C, F, S, V & M72-Mount, Zoom, MP, LineScan, UV, SWIR, Telecentric & Macro Zoom	



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ALRAD IMAGING Product Line Profile ...Continued

Principal / Manufacturer Specialist Product Area / Applications Any Trade Name

Frame Grabbers, USB/ FireWire/ HD-SDI Converters & Cables



BitFlow Inc. Analogue & Digital (CL and XPS) Frame Grabbers **R64, Road Runner, Neon, Karbon, Cyton**
 Epix Inc. Analogue & Digital Frame Grabbers and CMOS High-Speed Camera Systems **PIXCI**
 Intercon 1 and CEI Cables: Camera-Link, Mini-CL, FireWire a&b, GigE (Standard & Robotic Grade) **BIT MAXX**
 The Imaging Source Analogue Frame Grabber Cards. Video to USB2 and HD-SDI Converters

Machine Vision Lighting



Coherent Uniform Structured Laser-Line Lighting for Machine Vision applications **Lasiris**
 DCM Sistemas LED Ring, Square, Bar, Edge, Plate, Dome, Coaxial, Lighting **iBlueDrive**
 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, Microscopy Lighting solutions
 Techniquip Corp. High Spec Laser and LED illuminators from UV to IR
 Vision & Control LED Ring, Square, Bar, Edge, Plate, Dome, Coaxial, Lighting
 VS Technology High Intensity LED, Ring, Square, Bar, Dome, Coaxial Lighting **VAL**

Imaging Software Tools

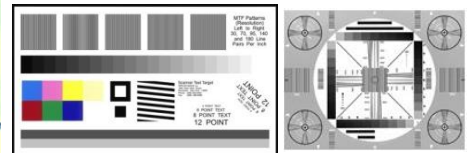


A&B Software Universal Dcam or GENiCAM compliant Camera SDK **Active GigE, ImageWarp**
 Epix Inc. Image Analysis Software for many applications. **XCAP**
 EVT EyeVision Machine Vision Image Processing Modular Software for various hardware platforms
 Norpix Digital Video Sequence Recording **StreamPix**



Long Range Microscopes

Questar Corporation Long-Range 1-2m Microscope



Imaging Calibration Tools



Applied Image Inc. Calibration Standards, Test Targets, Reticles/Graticules, Encoder Scales



For more information on these products please telephone us on: **01635 30345...**



or email us at: imaging@alrad.co.uk

or visit our web site: www.alrad.co.uk

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

- 1. ALRAD IMAGING:** *Image Capture, Analysis and Processing.*
- 2. ALRAD PHOTONICS:** *Lasers, Laser Accessories, Detectors and Optical Components*
- 3. ALRAD ELECTRONICS:** *Electro-Optical Detectors, Laser Emitters and Components, Analytical Instrumentation and Detectors.*



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