INSPEX 4K

DIGITAL MICROSCOPE SYSTEMS

ASH

ASH
F
INSPEX 4K
PC

INSPEX 4K

ULTRA-HIGH-DEFINITION INSPECTION SYSTEM

Inspex 4K is an inspection solution which delivers four times the resolution of full HDinspection systems. Experience crystal clear ultra-high definition video imaging allowing you to see more detail than ever before.

A simple intuitive interface empowers the end user to inspect parts with ease, simplicity and comfort.

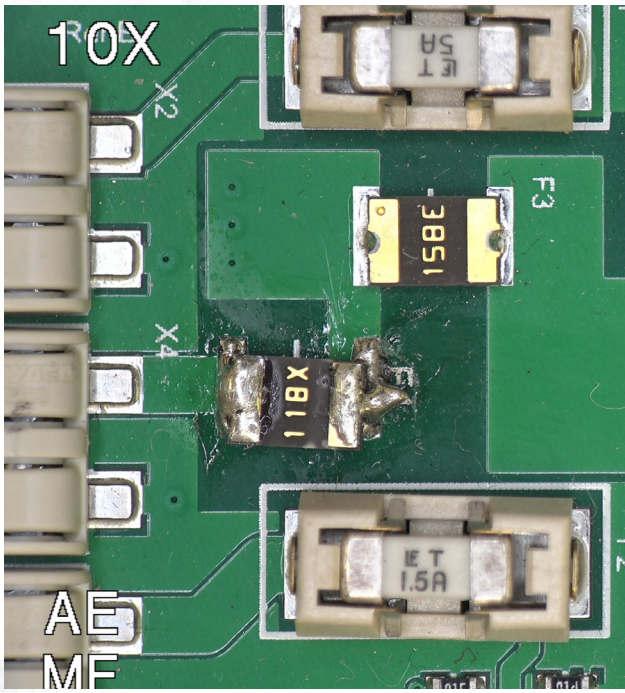
Speed up your inspection process by identifying defective

parts faster, easier and in super high resolution. Inspex 4K offers high magnification, autofocus, manual focus. auto exposure, white balance and many more features.

FEATURES & BENEFITS

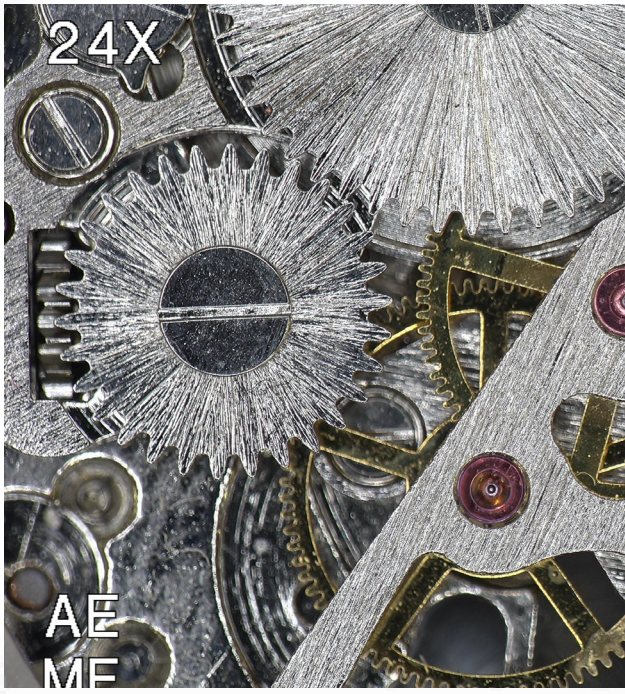
Instantly transform your manufacturing process

- **Ultra HD Resolution**
  3840 x 2160 pixels.



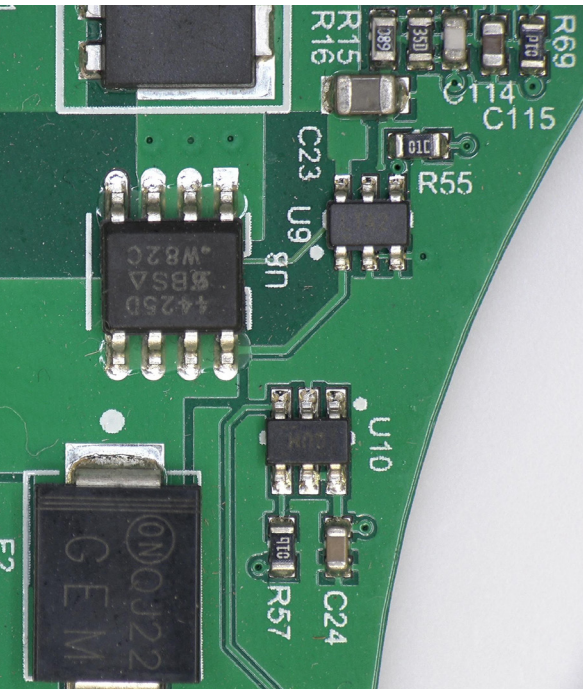
- **85x Optical Zoom**

- **170x Digital Zoom**



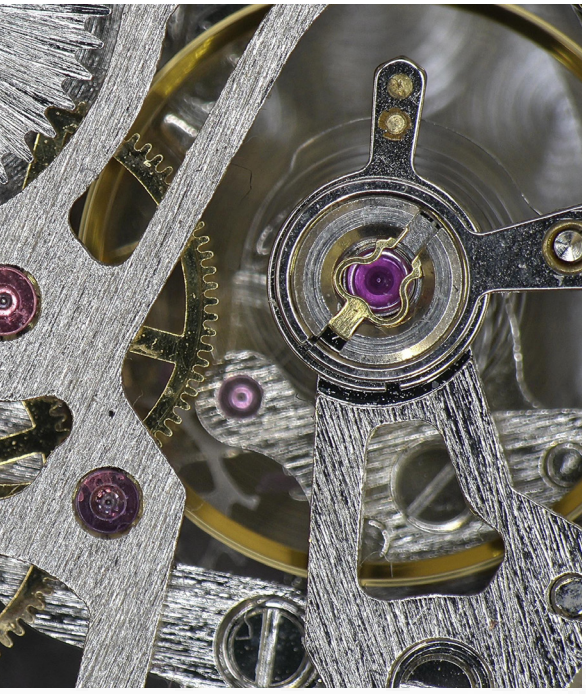
FEATURES & BENEFITS

Instantly transform your manufacturing process



Higher Colour Depth and Superb Image Quality

Improve Defect Detection



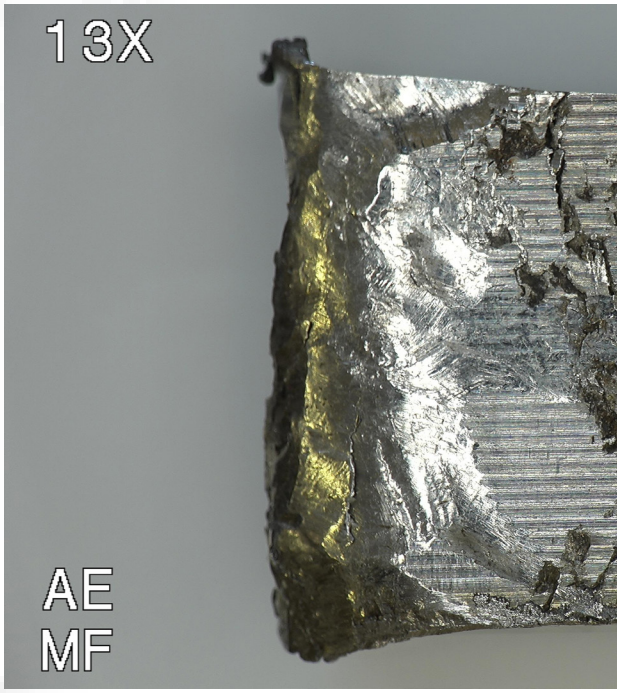
Ergonomic Digital Solutions

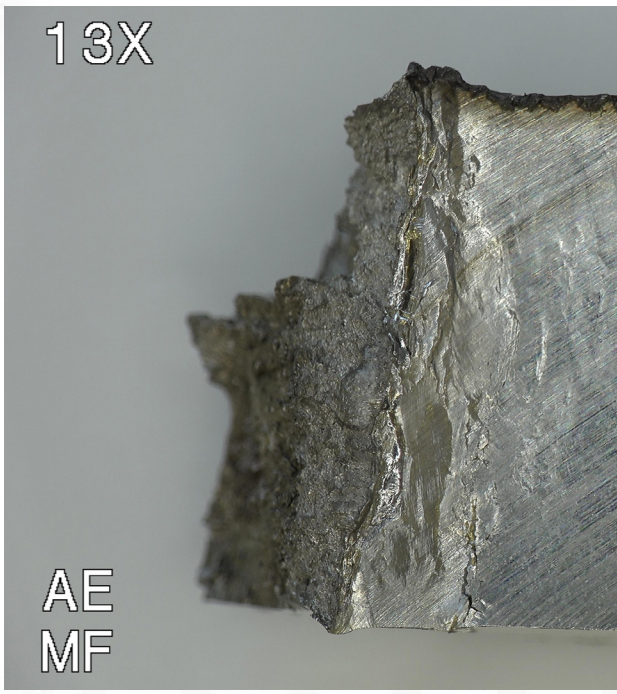
FEATURES & BENEFITS

Instantly transform your manufacturing process

Low Video Latency

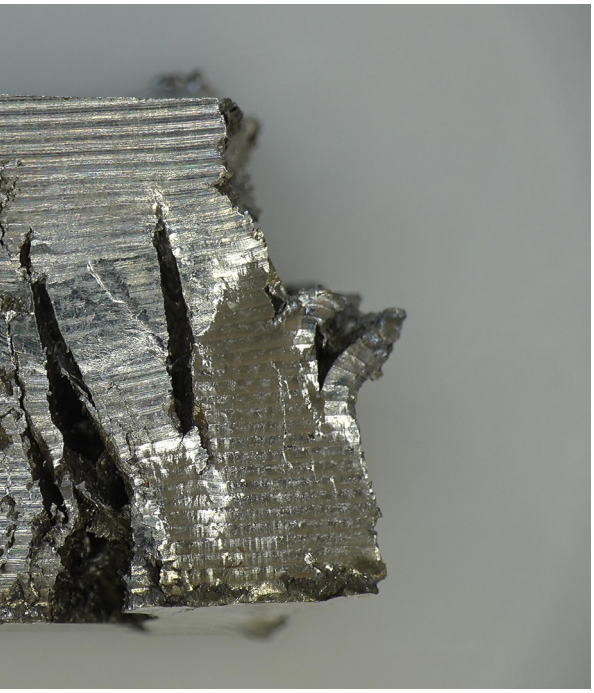
Reduce Prodcution Waste

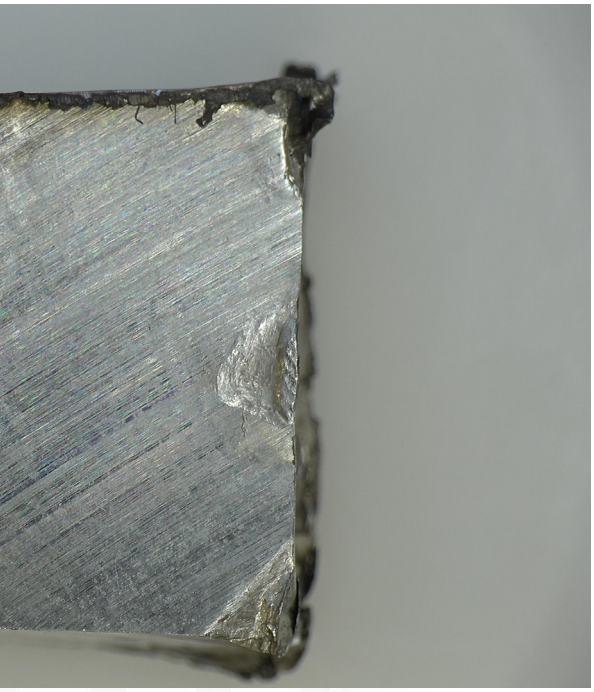




FEATURES & BENEFITS

Instantly transform your manufacturing process





Improve Throughput

Increase Efficency

WHAT OUR CUSTOMERS SAY

Creganna Medical - TE Connectivity.

Pádraig McVeigh

“Ash have provided excellent support from problem classification, through vision system development, right to fixturing and set-up support.

The speed of the response and ability to meet our tight timeline was very impressive. The availability and assistance from team members of all levels, from Sales to Engineering, was invaluable to our team.”

WHAT OUR CUSTOMERS SAY

Fly Evidence
Andrew

"Ash Technologies provides a very high standard of both product and customer care - FlyEvidence highly recommends their products".

INSPEX 4K

FI806 - 006

Included System Components

LENSES

+10 Plan 1x

LIGHTS

Diffused LED DomeLight

OTHERS

27" Monitor

Optional System Components

LENSES

+10 Plan 1x
AI100-055

LIGHTS

Diffused LED DomeLight
AI100-045

Polarised Ringlight
AI801-423

UV Lighting
AI801-421

CONTROLLERS

KPIII Keypad
FI806-004

OTHERS

27" Monitor
MR100-060

STANDS & STAGES

Remium Track Stand
AI100-043

Premium Illuminted Track Stand
AI100-040

Technical Specifications

Magnification

	Lens Type	10 Plan 1x
Optical	Magnification Range	9 - 85
	Min FOV	44.7 - 25
	Max FOV	8.55 X 5
Digital	Magnification Range	86D - 170D
	Min FOV	8.5 X 4.95
	Max FOV	4.3 X 2.5
	Working Distance/mm	55
	Depth of Field/mm	min(11) max(0.2)
	Video Latency	40(25Hz) / 33(30Hz)

Technical Specifications

	INSPEX 4K
Zoom Range	9 - 170
Camera Res	3840 × 2160
Monitor Connections	HDMI/DVI
Monitor Requiremen	4K
Input/Output	HDMI (Output)
	USB 2.0 (x1)
	Mini USB (x1)
	General Purpose I/O (x3)
	DC Power Jack 24V
Internal Storage	N/A
Image Capture	Capture Card to PC
Power	24W
Dimensions	216mm x 165mm x 170mm
Weight	**1.75kg**
Operating Temp	Storage -10 to +60
	Operating +5 to +40

ASH HQ - Ireland
B5, M7 Business Park,
Naas, Co. Kildare
W91 P684
+353 (0) 45 88 22 12

ASH MALAYSIA
ENDOMATRIX (M) SDN BHD
No.51-5, Block G, Dataran Prima,
Jalan PJU 1/37, 47100 Puchong,
Selangor, Malaysia.
+ 603-78031145

ASH UK
Covert Farm, Long Lane,
Easte Haddon,
Northamptonshire
NN6 8DU
+44 (0) 7592 523 767

sales@ashvision.com

reddot award
product design
winner

THE IRISH TIMES
INNOVATION
AWARDS 2017
RECOGNISING INNOVATIVE THINKING IN BUSINESS
MANUFACTURING WINNER:
ASH TECHNOLOGIES LTD

IRISH DESIGN AWARDS WINNER 2016
INSTITUTE DESIGNERS IRELAND

nqa.
ISO 9001
Registered

All systems are now multilingual.
Images, descriptions and technical data subject to change. Ash reserve the right to make changes without notice.

Printed on recycled paper