

Optike Industrial Visual Inspection System

We are happy to introduce to you our Optike Industrial Visual Inspection Systems which are an excellent tool for your Critical & Precision Components Inspection needs for Industries like Aerospace, Horology, Jewellery Manufacturing, Precision CNC Machined Parts for Automobiles, Precision Turned Miniature Components, Stamped Sheet Metal Parts, Technical Polymer Molded Components, Cutting Tools / Inserts, EMS Connectors & Hardwares, Gears & Sintered Parts, Rubber ORings, Hydraulic Seals & many more.....

1. 1080HD Resolution - Economy Version



- High Resolution HDMI Industrial Machine Vision Camera 1/2" Sony CMOS Sensor, Real time 60fps, Metal Body, 1920x1080 lines resolution for Very Sharp Images.
- Proprietary Image Processing Algorithm & Software Image Enhancement to reduce reflection & High Dynamic Range HDR.
- Parfocal Industrial Imaging Zoom Lens - FOV 22mm to 3mm & Clear Working Distance 80mm, Magnification 22x to 185x*.
- Special LED Ring Light with Dimmer Control. (Clear / Diffused).
- Heavy Duty Table Top Stand with Lead Screw Focus Adjustment.
- Native Full HD Resolution 24" HDMI Display (Included)
- Reliable Power Adaptors with Inline Kill Switch.

FOV 22 to 3mm | 22x to 185x Zoom | WD 80mm

2. 1080HD Resolution - Premium Version

- All features of 1080HD Resolution Economy Version & Extra Below
- Mouse Control with Multiple XY Lines - Edit Colour / Thickness etc.
- Pen Drive Slot for Capturing Photos - JPEG File Compressed <250kb
- Higher Dynamic Range Control with Custom HDR Adjustment.
- Real Time Exposure Setting for Dynamic Correction.
- Better Image Software Enhancement for more Sharp Image.
- Image Pause Function & B&W Conversion Function.
- Future Software Upgradeable using Pen Drive.
- Wireless Mouse, 16gb Pen Drive (Included)



FOV 22 to 3mm | 22x to 185x Zoom | WD 80mm

We have over 150+ Satisfied Users

Optikē

by **K**hush

Our Industrial VIS is designed to work in Shopfloor 24 x 7 x 365 without any issues.
Excellent Price to Performance & Fastest ROI.
Robust & Reliable Industrial Build Quality.
Reduced Operator Fatigue & Increased Productivity.
Reliable Process Control & Better Visibility.

3. 1080HD Resolution - Pro 2D Measurement Version



Field of View
FOV 18 to 2mm

On Screen
Magnification
22x to 185x Zoom

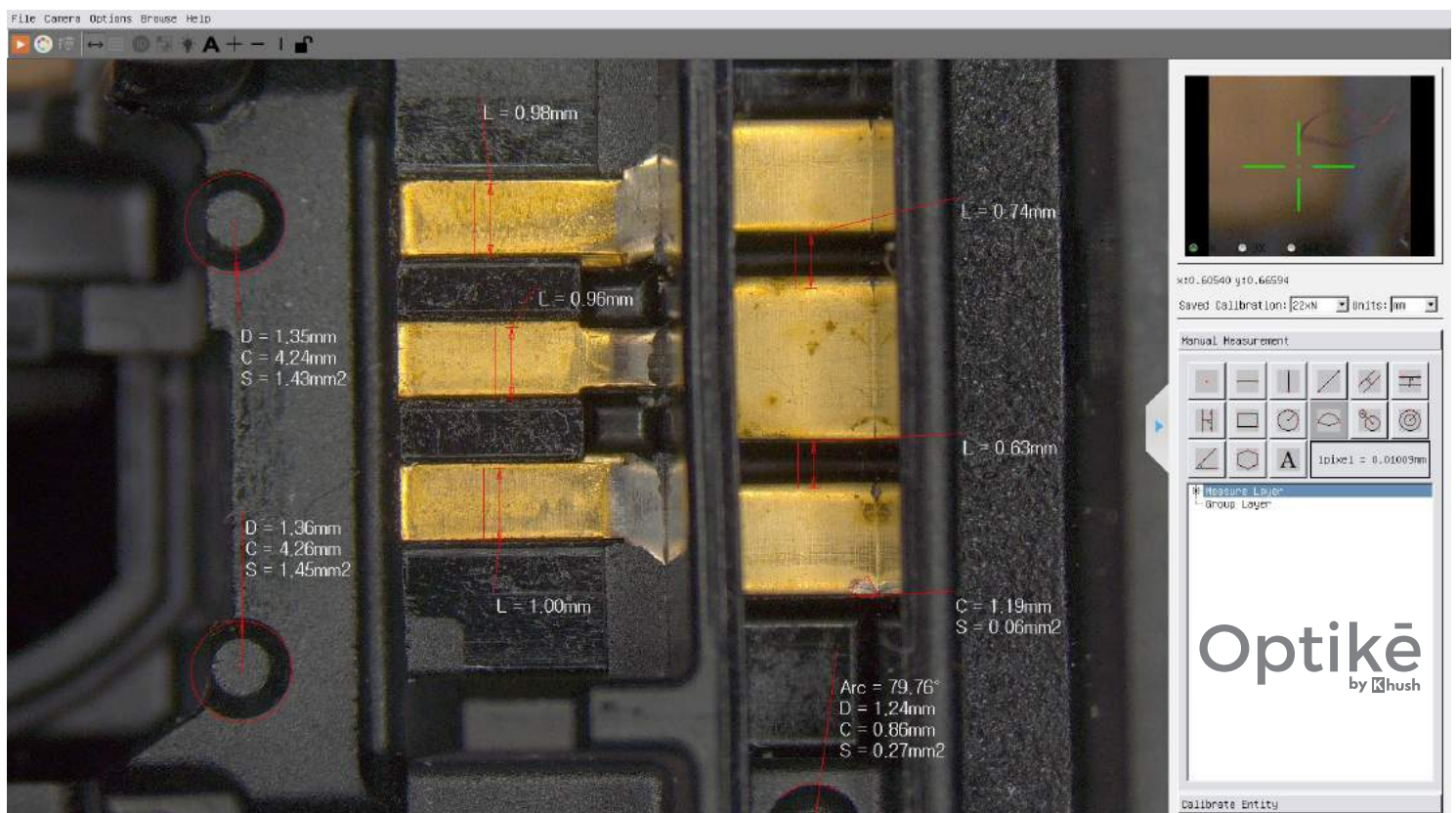
Working Distance
WD 80mm

Upgradeable
With 0.5x
Reduction Lens
to get 2x FOV & WD

Optike Pro Measurement Version offers Dual Functionality of using the system for Visual & Powerful Basic VMS Video Measuring for 2D Non Contact Measurements.

Auto Calibration | Saved Calibration Recall | Edge Detection | Auto Point Selection Correction
Customisable OnScreen Reticle | Multiple 2D Measurement Tools | Customisable XY Lines

Accuracy +/- 10µm* | Repeatability +/- 5µm*



4. 4K Ultra HD Resolution - With 2D Measurement Version

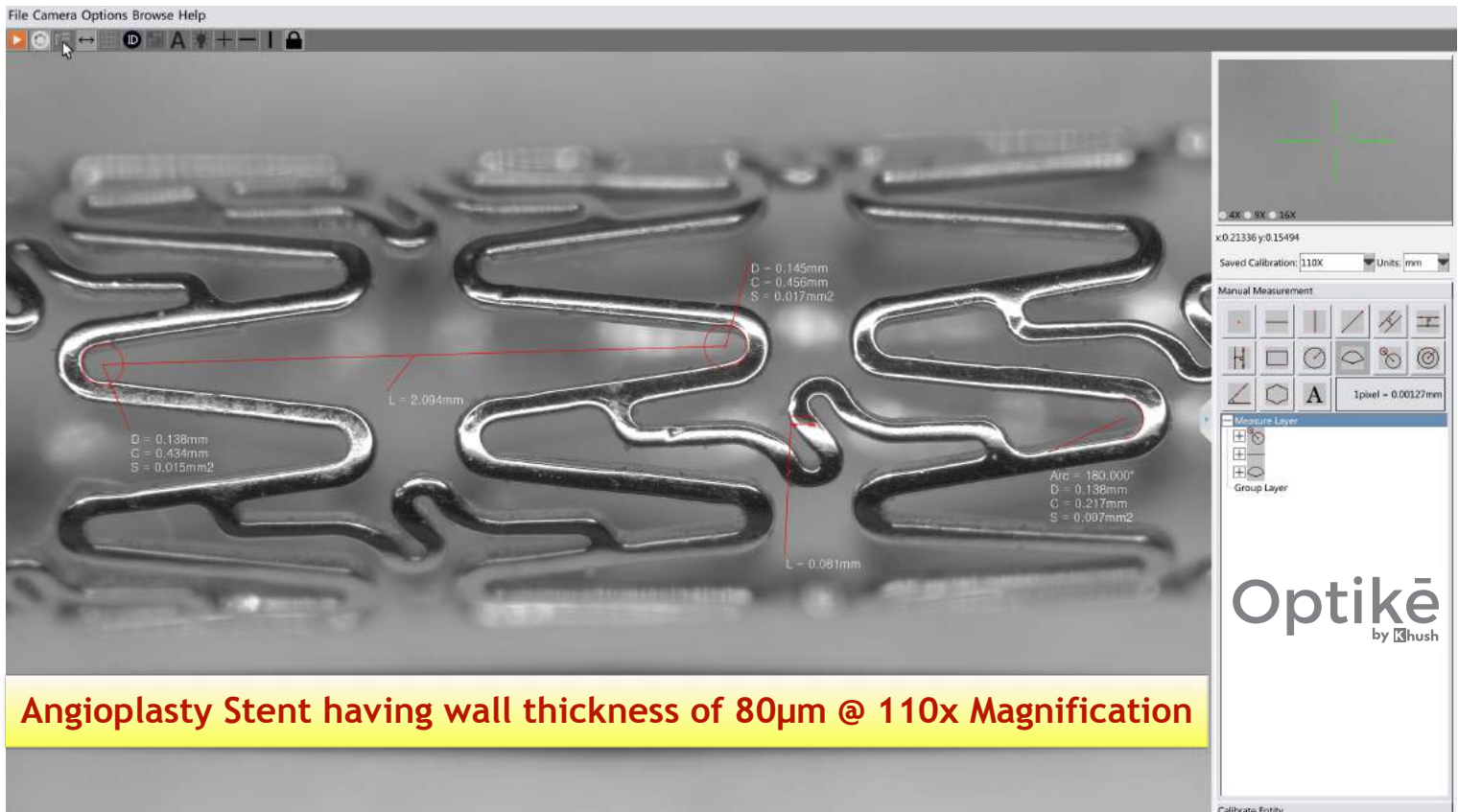


- Field of View**
FOV 22 to 3mm
- On Screen Magnification**
22x to 185x Zoom
- Working Distance**
WD 80mm
- Upgradeable**
With 0.5x
Reduction Lens
to get 2x FOV & WD

Optike 4K Ultra HD Version offers Dual Functionality of using the system for Visual & Powerful Basic VMS Video Measuring for 2D Non Contact Measurements.

Saved Calibration Recall | Edge Detection | Auto Point Selection Correction
Customisable OnScreen Reticle | Multiple 2D Measurement Tools | Customisable XY Lines

Accuracy +/- 10µm* | Repeatability +/- 5µm* | **4K Ultra HD Sharpness**



Angioplasty Stent having wall thickness of 80µm @ 110x Magnification

A few of the Optional Accessories :



Aux Objective Lenses



Dome Lights



Fiber Optic Cables



XY Stage



All Types of Ring Lights



Calibration Masters



Co-Axial Point Light



Dual Gooseneck LED Lights

Few Examples of Parts / Components :



Machining Parts



Watch Parts



Rubber Rings



Plastic Parts



EMS/PCBA Parts



Cutting Tools



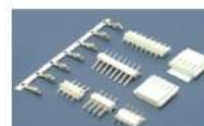
Gears



Metal Parts



Stamping



Connectors



Moulding Parts



Rubber



PCB Boards



ID Inspection



Spring/Mesh

Existing Users of Optike Industrial VIS : 150+ Satisfied Users till date*



Best Quality
Right Price
Solid
Reliability

We welcome
you to our
office for
Live Demo.