



Inspect where you want,  
when you want...



## Digital inspection magnifier

- ✓ Highly flexible & portable
- ✓ Simple to operate
- ✓ Magnification up to 20x
- ✓ Store up to 20,000 photos
- ✓ Live view via HDMI output



FM 557119

Vision Engineering Inc. has been certified for the quality management system ISO 9001:2008.

# Inspect where you want, when you want...



**Camβ (CamBeta)**, a digital inspection magnifier with magnification up to 20x, has been designed for a wide range of applications where viewing, image capture, reporting and documentation is required. With a high resolution color display, easy button operation, simple image capture and download, you can inspect & document quickly and simply.

## Inspect what you want, when you want...

### Why Camβ is better than your smartphone

- Optically optimised for close focusing
- Illumination optimized for close working
- Image security and live HDMI and TV-out
- Secure grip for left and right hand use

The image shows the CamBeta digital inspection magnifier from two perspectives. The top view shows the device with a 4.3-inch color display displaying a magnified image of a metal surface with a grid overlay and coordinates (X=306, Y=176). The bottom view shows the back of the device, highlighting the Mini-USB port, Mini-HDMI port, and the 4x LED illumination system. A stability leg is also visible at the bottom.

**Grid display mode**

- 1mm grid with virtual calliper display

**Viewing modes**

- 4.3" colour display
- Black & white
- Inverted black & white and grey scale

**Magnification**

- From 4x to 20x

**Image capture**

- Store up to 20,000 photos
- 4GB internal memory

**Mini-HDMI port**

- Outputs the live image to HDMI monitor
- Mini-HDMI to HDMI cable supplied

**Mini-USB port**

- USB charging
- USB downloading

**Illumination**

- 4 x LED

**Stability leg**

- Easy stability during use

Specification	
Display	4.3"
Magnification	4x, 8x, 16x, 20x
Illumination	4 x LED (100%, 75%, 50%, 25%)
Capture resolution	1280 x 720, JPEG
Dimension grids	Yes
Measurement	Yes
Battery working time	6 hours
Connection	Mini USB, mini HDMI
Size	238 x 88 x 22mm
Weight	205g
Video out	Mini-HDMI, TV-out
No. of images	up to 20,000

# Typical applications\*



## Electronics applications including broadband cabinets

Camβ is great for documenting faults and inspecting large or immobile subjects. It is very useful when inspecting electronics, such as cable connections within broadband cabinets.

## Medical devices including dental prosthetics

From inspection of sterilised medical equipment to medical devices, Camβ offers a convenient way of meeting critical inspection and documentation requirements.

Dental prosthetics need to be tailored for each individual person and often requires inspection and image documentation for quality purposes.



## Mechanical and automotive applications including difficult to read serial numbers

Camβ is handy for inspecting subjects in dark or hard to reach areas. Simple operation allows for quick parts documentation and/or training and quality assurance.

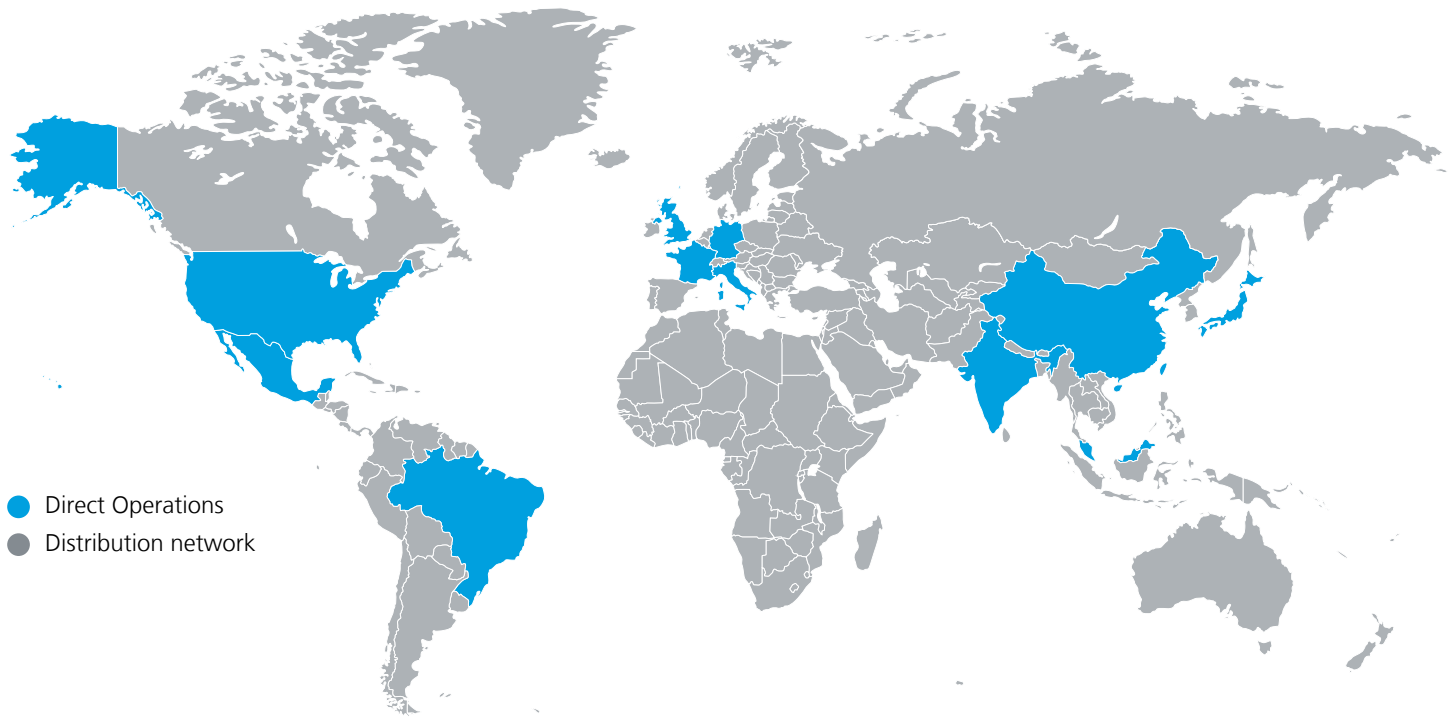
It is well suited in production environments where company's policy disallows the use of mobile phones.

Typical applications include automotive, aviation, watchmaking and general manufacturing.



\*Typical applications but not limited to.

Vision Engineering is a global manufacturer of ergonomic stereo microscopes, digital inspection systems and optical and video measuring systems.



Since 1958, Vision Engineering has become one of the worlds most innovative and dynamic microscope suppliers.

### For more information...

Vision Engineering has a network of offices and technical distributors around the world. For more information, please contact your Vision Engineering branch, local authorised distributor, or visit our website.

Distributor

Test Equipment Depot - 800.517.8431 - [TestEquipmentDepot.com](http://TestEquipmentDepot.com)



Disclaimer – Vision Engineering Ltd. has a policy of continuous development and reserves the right to change or update, without notice, the design, materials or specification of any products, the information contained within this brochure/datasheet and to discontinue production or distribution of any of the products described.