

# **Illuminated USB microscope** **LD6180**

**Datasheet**

## Product description

Handy, Portable, Inexpensive & Light Weight Microscope which can be connected to PC Software Making Inspection and Measurement Immediately!

With the unique optical design, the USB Microscope combines a digital camera, precision optics and LED lighting in the microscope. 40-140X magnification can zoom in on the fine details of surfaces or any too small thing to see.

The USB microscope comes with special software for pictures and movies. With the software measurements can be taken on the length, width, height angle and radius.



## Application area's

Automotive, coating industry, laboratory, paint

## Features

- Application for those who are involved in inspecting or viewing very small parts.
- Images are clearly shown on the PC screen.
- Easily to adjust between range 40x & 140x magnification
- Built in 4 LED's for operating environment with limited illumination
- Completely portable and an excellent companion to a laptop computer
- Advanced USB interface with true plug&play / hot swapping capabilities
- Snapshot button for instant still image capture

## Standard delivery

Illuminated USB microscope, software, USB cable, Quick start guide, Manual

## Use

Place the microscope over the object, and easily view the image on your computer screen. Capture images, quickly make measurements by the software. Provide the quick view of specimen-for inspecting anything from biological samples to the finish on machined parts. The measuring software makes it possible the image can be stored, managed, measured and distributed.

## Technical specifications

Image sensor	CMOS sensor
Magnification	40x & 140x
Video capture resolution	640x480, 352x288, 340x240, 176x144, 160x120
Still image capture resolution	up to 640x480
Exposure	automatic
Compression	Fixed data Rate hardware Interface Compression Ratio of 4:1, 6:1, 8:1
Video data format	RGB24
Power supply	USB interface supplied power

