

# New Technology... New Microscopy...



## Different models for your specific needs!

### *Check out the product line!*

RND is a line of versatile and portable, digital microscopes that utilize both Wi-Fi and USB transmission. RND can be connected to iOS and Android smartphones or tablets via the App, as well as through a Wi-Fi/USB connection to Windows and Mac computers or laptops. Using RND dedicated software, you can capture pictures, shoot videos, and take measurements. This is the state-of-the-art way to observe the micro-world!

### Fields of Application

- Industrial and Electronic Inspection/QC
- Education
- Research and Scientific Analysis
- Forensics
- Print inspection
- Textile inspection
- Trichology
- Entomology
- Botany
- Mineralogy
- Collectibles
- Jewelry and Watch Repair
- Reading assistance
- And more ...



## RND 550-00027 : White LED's/Lights

The standard model suitable for multipurpose applications which allows you to see the natural and visible spectrum of light.

NOTE: On some surfaces, use of white light magnification may result in glare in which case a polarizer is recommended. Please see RND 550-00026.

WHITE  
LIGHT



## RND 550-00026 : White LED's/Lights + Polarizer

This best-selling model which incorporates polarizing light to decrease glare on plastic, glass, metals, minerals, and paper. The polarizer gives you a darker, more saturated, sharper image with increased contrast.

Polarizing the light increases and maximizes vision quality.

POLARIZING  
FILTER



No Polarised Light  
Mineral



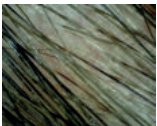
Polarised Light  
Mineral

## RND 550-00028: White LED's + UV LED's

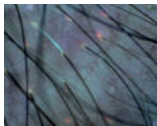
UV light is essential for seeing elements that are made with chemical structures which react to UV.

Some applications requiring UV light include Mineralogy, Graphology, Forensics, Industry, Beauty & Trichology, Inks, Arts, Color and Printing industries

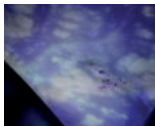
UV/WHITE  
LIGHT



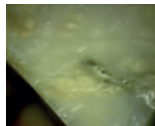
White Light - Hair



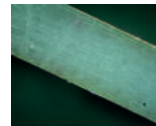
UV Light - Hair



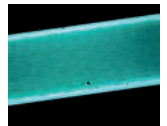
UV Light - Mineral



White Light - Mineral



White Light  
Copper Coating



UV Light  
Copper Coating

**RND 550-00029: White LED's + UV LED's + IR LED's**

IR light is often used in the field of handwriting/graphology.  
Note the same image with different LED's illuminations.



White Light



UV Light



IR

IR/UV  
WHITE  
LIGHT



**RND 550-00025: White LED's, Long Distance**

Designed for applications where increased clearance is beneficial while working under magnification. Viewing at a greater magnification also provides a wider viewing angle.

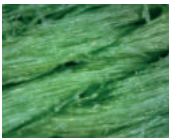
FOCUS  
ON  
DISTANCE



**RND 550-00024: 500-600x**

Our highest power model for applications requiring the greatest magnification.

600X



~500x - Cotton Tissue

**VISIO Racks & Stands**

RND 550-00021



Back Light Rack

RND 550-00023



Adjustable Vertical/  
Horizontal Rack

RND 550-00022



Adjustable  
Vertical Rack

RND 550-00020



Basic Rack

**RND 550-00027**


Resolution photo & video: 1.3Mpixel -1280x1024, 640x480, 320x240  
 Frame Rate: 15fps(1280x1024), 30fps(640x480), 320x240  
 Magnification: 5x~200x  
 Object distance: 8~200mm  
 Focus Range: 8~200mm  
 Light Source: 8 adjustable white LEDs  
 Dimensions & Weight: 36mm(Diameter) x 142mm(Length), 88g

**WHITE  
LIGHT**
**RND 550-00026**


Resolution photo & video: 1.3Mpixel -1280x1024, 640x480, 320x240  
 Frame Rate: 15fps(1280x1024), 30fps(640x480), 320x240  
 Magnification: 5x~200x  
 Object distance: 8~150mm  
 Focus Range: 8~150mm  
 Light Source: 8 adjustable white LEDs  
 Dimensions & Weight: 36mm(Diameter) x 142mm(Length), 88g

**POLARIZING  
FILTER**
**RND 550-00028**


Resolution photo & video: 1.3Mpixel -1280x1024, 640x480, 320x240  
 Frame Rate: 15fps(1280x1024), 30fps(640x480), 320x240  
 Magnification: 5x~200x  
 Object distance: 8~200mm  
 Focus Range: 8~200mm  
 Light Source: 4 white adjustable LEDs + 4 UV adjustable LEDs (400nm)  
 Dimensions & Weight: 36mm(Diameter) x 142mm(Length), 88g

**UV/WHITE  
LIGHT**
**RND 550-00029**


Resolution photo & video: 1.3Mpixel -1280x1024, 640x480, 320x240  
 Frame Rate: 15fps(1280x1024), 30fps(640x480), 320x240  
 Magnification: 5x~200x  
 Object distance: 8~200mm  
 Focus Range: 8~200mm  
 Light Source: 4 IR LEDs (850nm)+ 8 UV LEDs (400nm) + 4 White LEDs  
 Dimensions & Weight: 36mm(Diameter) x 142mm(Length), 88g

**IR/UV  
WHITE  
LIGHT**
**RND 550-00025**


Resolution photo & video: 1.3Mpixel -1280x1024, 640x480, 320x240  
 Frame Rate: 15fps(1280x1024), 30fps(640x480), 320x240  
 Magnification: 10x~160x  
 Object distance: 8~450mm  
 Focus Range: 8~450mm  
 Light Source: 8 adjustable white LEDs  
 Dimensions & Weight: 36mm(Diameter) x 142mm(Length), 88g

**FOCUS  
ON  
DISTANCE**
**RND 550-00024**


Resolution photo & video: 1.3Mpixel -1280x1024, 640x480, 320x240  
 Frame Rate: 15fps(1280x1024), 30fps(640x480), 320x240  
 Magnification: 500x~600x  
 Object distance: 0~3mm  
 Focus Range: 0~3mm  
 Light Source: 8 adjustable white LEDs  
 Dimensions & Weight: 36mm(Diameter) x 142mm(Length), 88g

**600X**