

# Lights, Camera, Action!

**Wearable Products that Make a Difference Everyday**



**Advanced Hands Free Platform**

**The Smartest and Smallest Light**

Black Fluorescence Imaging

SafeLoupe Laser Filter

HD Camera

HD Loupes



Nano Freedom is crammed with innovative technologies. It is bright, light, and feels just right. Best of all no stray wires, no inconvenience, no hassle. iOCam provides super sharp magnified live video for enhanced patient communication/referrals, insurance documentation as well as staff and student training/education.

Dr. George Freedman, Richmond Hill, ON, Canada



iZoom Loupes - Very comfortable, lightweight, and cool-looking. Excellent optics, wide field and very good resolution.

Dr. Michael Miller, Houston, TX



The SafeLoupe system is a "must have" product when doing laser procedures.

Dr. Howard Glazer, Fort Lee, NJ

**DentLight**



# Nano Freedom<sup>2</sup>

*Wireless = Effortless*



**Mounting Adapter**  
Easy Dovetail Attachment

**Lightweight battery**  
Proximity sensor On/Off  
Slide to existing frame temple  
Little extra weight on nose or ear

**Freedom Lamp**  
Penny size 5 grams  
Focused beam (~3" field)  
Easy clip-on filter

**Reconfigurable**

Nano Technology Teflon Connection  
Field Reconfigurable for Function, Fit, and Service

**Superior Performance**

20000 (one battery) or 40000 lux (two batteries)  
3 (one battery) or 6 hours (two batteries)  
Color temperature (5500-6500K)

**Safeloupe Insert**  
Fluorescent Filter



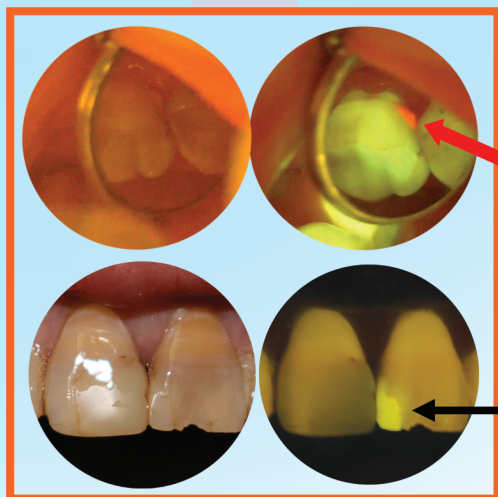
**Black Lamp**  
Dual wavelengths

*Seeing is Believing!*

## Nano Black

**Dual Color: White and Violet for  
Illumination and Fluorescence**

Composites  
Caries  
Plaque  
Cancer



Visualization of dental caries and decays

Detecting composites and excess adhesives

**Amazing Wireless Light !**

**NO MORE TANGLED CORDS!**

# Nano 2S Plus



**Freedom Lamp**  
Super Lightweight

**Reconfigurable**  
Nano Technology Teflon Wire  
Field Reconfigurable  
Easy Upgrade to Wireless  
Memory wire conforming to frame contour

## Incredible Engineering Design

- Three Power Levels (40, 20, 16k lux)
- Light Weight (lamp 5g, battery 118g)
- Super Small (lamp 16mm)
- Flexible Thin wire
- 10-24 hours Non-stop run
- Recharging time: 90% in 2 hours

## Xtreme<sup>2</sup>



## Surgical precision

Super high contrast  
60000 lux

## Long Lasting Smart Battery

10 to 24 hours running time (3 power settings)  
Super reliable MicroUSB connection  
Hands free raised elbow activation button  
Constant output power throughout run time  
Pass drop proof test



Seeing beyond the surface

# DentLight



# iOCam HD Video Camera



Custom Fit with  
iZoom HD  
Nano Black

Custom Surgical Kit  
Wireless iOCam  
Wireless Xtreme<sup>®</sup> light

**HD 1280x720  
Magnified Images**

**Empower you with iOCam**  
Magnified Imaging and Communication System  
Your handsfree assistant  
Capture what you see  
Share your findings with patients etc.

**Video or  
Picture**

## Ease of Use and Adaptation

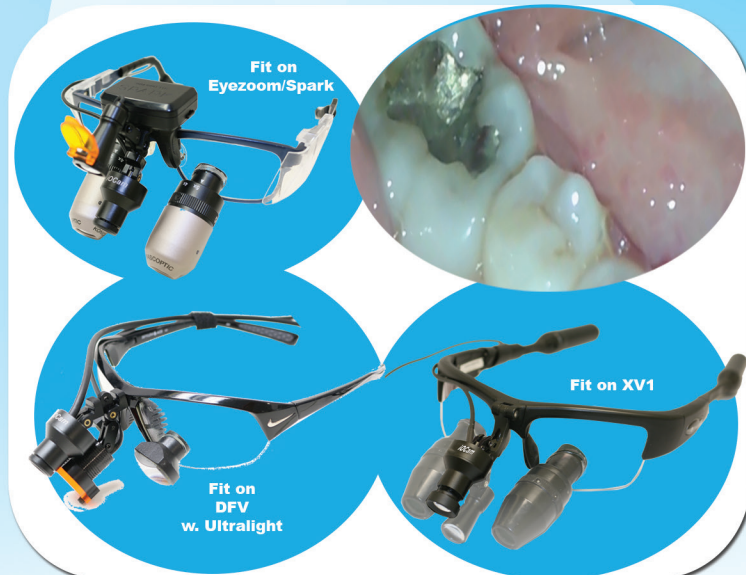
- Fits to loupes (Orascoptic, DFV, Zeiss etc)
- Compatible with most headlights
- Easy slide in and out of the eyewear
- Built-in microphone

## Incredible Engineering Design

- **Magnifications at 16-inch distance**  
2.0X, 3.0X, or 5.0X
- **Resolution** 1280x720 @ 30 fps
- **Lightweight and small size**

	Weight (grams)	Size (mm)
Imager	4	23 (D)x13 (L)
Lens	8	15 (D)x13 (L)

- **Run time:**  
USB Limited by hard drive  
Wifi Battery 4.5 hours (Optional)
- **Live recording or still image snapshot**
- **Compatible with existing patient software including**  
Dexis Imaging and Vixwin



**Communicate better**  
**Raise your acceptance rates**  
**Market your practice with an edge**

**DentLight**



# Fit on Any Loupes or Eyeweares

## Add-on Options and Accessories

8600120 Nano Freedom lamp



8600220 Nano Black lamp



8600022 Nano composite filter



8610110 Nano Freedom battery pod



8600530 Nanio Freedom battery (2/pk)

8600130-2 Nano 2S Plus Battery Pack

8601140 Nano Freedom Dual Battery Charger

8500224 Female Dovetail adapter



8500124 H-adapter



8500126 Flex-adapter



8501124 T-adapter



8701100 Universal-H combo adapter



8500121 Uc-adapter



8500128 Q-optics adapter



8510120 Articulating arm



8510121 Single side arm



8510122 Branch arm



8510123 Camera branch arm



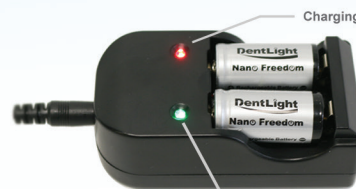
8501032 2S+ MicroUSB cord



8610130 2S Battery Clip



8501022 Freedom cord



Dual Battery Charger always keeps a fresh backup battery

Fully charged in < 1 hour

# iZoom HD Loupes

High definition and quality loupes with high resolution and high contrast images. Lightweight frames and optics deliver the most comfort and better working posture.



## Flip-up



Regular Magnification



Variable Magnification

2.5-4.0 X



## TTL



### Custom Magnification

- Up to 45 degrees declination angle
- Four sports frame selections

2.5X

Including Loupes, Case, Soft Cleaning Cloth, Headstrap, and Screw driver\*.



# DentLight



# SafeLoupe

## Adaptive Loupe Filter for Laser, Curing and Fluorescence

### Tired and annoyed with clip-in filters?

- Fighting to fit onto your loupes
- Discomfort on your face from
  - Weight
  - Fogging
  - Hurting your eye/face
- Low light and color distortion
- Procedure interruption
- Cross contamination

### Quick and easy SafeLoupe Clip-on

Preconfigured to your loupes in adapter size and the number of articulating arms  
Facial viewing field laser protection from diode lasers direct and reflected beams.



### Why buy laser loupes if you can convert your own?

#### Try patent-pending SafeLoupe Laser Filter:

Adaptive filter to your loupes

- Clip-on to loupes ocular rim
- Super lightweight and comfortable
- Minimum light loss
- No color distortion
- Hassle free laser procedures
- Custom preconfiguration to your loupes
- Extraocular shield for full protection



### Specifications

810nm OD5  
940nm OD5  
980nm OD5  
1064nm OD4  
2780nm OD5  
2940nm OD5



Curing  
380-500nm OD2



### Safeloupe Insert



### Integrate your Loupes with Adaptive Filters

- Easy slide fit in
- Lightweight and comfortable
- Hassle free laser and restoration procedures

# PROFIT FROM the Award-winning DentLight

## HOW TO ORDER

### DentLight Headlight

**860011**   **5**   -   **2**

Nano Light   Type   Gen

3=Nano 2S Plus  
5=Nano Freedom  
6=Nano Freedom Plus  
8=Xtreme  
9=Nano Black

=Gen1  
2=Gen2

Light Kit includes LED lamp (1), composite filter (1), battery pod\*, battery\*\*, loupe mounting adapter (1), and charger (1).

Optional metal case.

Lamp 2-year warranty  
\* 1 (Nano Freedom ); 2 (Nano Freedom Plus)  
\*\* 1 (Nano 2S Plus); 2 (Nano Freedom, Xtreme); 4 (Nano Freedom Plus, Nano Black)

Note: Nano Black includes SafeLoupe Fluorescent Insert.



### DentLight Camera

**880011**   **0**

iOcam   Type

0=Regular  
1=Wireless

iOcam kit includes HD camera with USB wire, 3.0x optical lens, fitting adapter, software, and metal case.  
Wireless kit additional: Wifi battery, MicroUSB-USB adapter, charger, IOS/Android App.

Warranty: 1 year

### DentLight Loupes

**850005**   **0**   -   **250**   **R**   **IP**   **C**   **A**

Loupe   Type   Magnification   Working Distance   Reading IP Distance   Case Type   Frame

0=Flipup\*   250=2.5X   S=10-14"   50=Flipup   S=Soft Case   A=Adilite  
2=Variable\*   300=3.0X   R=14-18"   54=54mm   M=Metal Case   D=D2  
3=Mini\*   350=3.5X   E=18-22"   56=56mm   M=Metal   M=Metal  
4=TTL   2530=2.5-3.0X   60=60mm   58=58mm   R=Rudilite (Ti-temple)  
3035=3.0-3.5X   62=62mm   Y=Rudy Project Rydon  
400=4.0X



Warranty: optics 5 years



### DentLight SafeLoupe - Loupe Filter

**851**   **0**   **810**

SafeLoupe   Type   Wavelengths

0=SafeLoupe Clipon  
1=SafeLoupe Insert

810=810, 940, 980, 1064 (OD4+)  
278=940 2780 (OD4+)  
294=1064 2940 (OD4+)  
450=380-500 (OD2) Orange  
451=380-500 (OD2) Green



*A phenomenal company that consistently develops products to meet dentists needs, Dr. Howard Glazer*

# DentLight

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