The XDR USB intraoral camera (IOC) is a fully digital high performance imaging instrument developed for dentists by dentists.

Each XDR IOC chassis is milled from a single billet of aluminum with CNC using CAD CAM technology, and then clear anodized for superior strength, durability, heat dissipation, and ease of cleaning.

The XDR IOC incorporates patent pending multiple Nd (neodymium) magnets for clinical specific attachments.

1. Fixed focal length monopod attachments
2. Perio probe attachment (coming soon)
3. Shade matching & translucency mapping (coming soon)

The XDR IOC illumination employs New Solid State lighting technology, requiring only 2 LEDs that completely illuminate the entire field of view, with no dark corners.

The XDR IOC electronics are based on the UVC device platform for USB and does not require specific software drivers to run in 32 or 64 bit Window’s based systems. “It’s truly plug and play” and hot swappable on the fly!

Features

- Two soft-touch capture buttons on top and bottom of the IOC.
- Solid State lighting using 2 proprietary FF-LEDs and 2 levels of light intensity.
- Anti-fog thermally conductive lens & wedge shaped tip provides easy access throughout the mouth providing clear, fog-free brilliant images.
- Power supplied via USB port USB 2.0 Type-A connector to computer.
- Custom disposable sheaths that fit perfectly without image distortion or loss of image quality.

Imaging

- Resolving Power: 200 LP/mm.
- Angle of View: 80º
- Direction of View: 90º to hand-piece center.
- Focal Range: 0mm to infinity (adjustable) with single-hand slide control operation.
- Resolution: Wide-screen VGA 752x480 (Std.) and optional VGA 640x480.