



DIGITAL IMAGING SYSTEM

By integrating the capturing functions of still digital photographs and live streaming video images into one simple component, Marco's **idoc** (integrated digital ophthalmic camera) anterior segment imaging system provides the practitioner with the unique capability of

capturing and storing still digital images and live streaming videos.

idoc seamlessly blends the two recording options together into one compact configuration, allowing the user to simply attach one digital component to any Marco G-model Ultra Slit Lamp. With a simple

press of the joystick switch, high-quality digital images and live video

streams with no time delay are instantly captured and stored into idoc's simple software program. All basic operations are conveniently displayed on

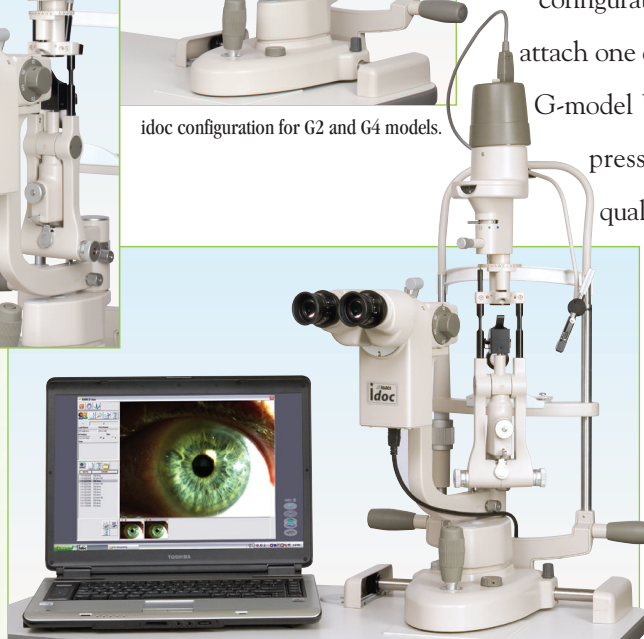
idoc's main screen, allowing the user to quickly and easily access patient files.



idoc configuration for G5 and G5 Zoom models.



idoc configuration for G2 and G4 models.



idoc system configuration.

MARCO *idoc*[®] SYSTEM REQUIREMENTS

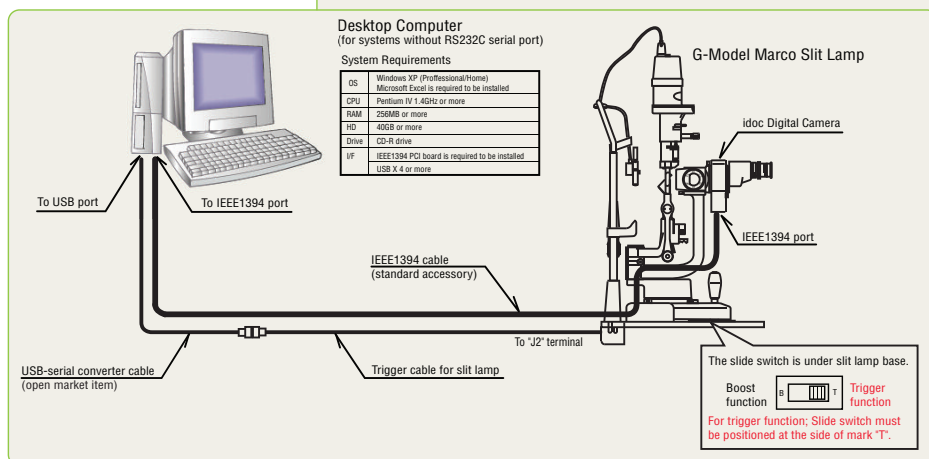
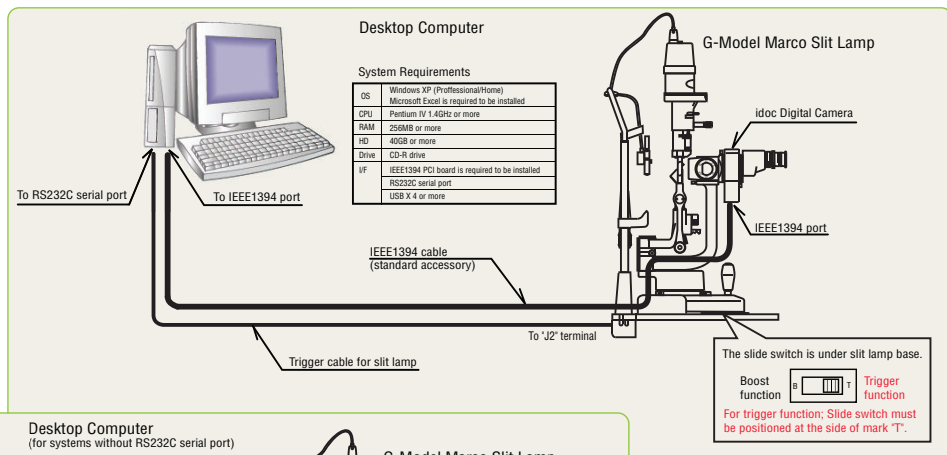
HARDWARE & SOFTWARE SPECIFICATIONS:

- OS** Windows XP (Professional/Home)
Windows Vista
Microsoft Excel is required to be installed
- CPU** Pentium IV 1.4GHz or more
32-Bit operating system **only**
- RAM** 256MB or more
- HD** 40GB or more
- Drive** CD-R Drive
- I/F Desktop** IEEE1394 PCI board is required to be installed (Firewire), RS232-C Serial Port, USB x 4 or more
Dell Optiplex series should not be used.
- I/F Laptop** Externally powered IEEE1394 (Firewire) PCMCIA card required

These are absolute minimum requirements. Exceeding these requirements will enhance performance.

CAMERA SPECIFICATIONS:

- Image Device** ½" Type progressive scan
SONY IT CCD
- Effective Picture Elements** Up to 1280x960 pixel (Format 2) supporting all smaller fixed formats; 1394 x 1040 (Format 7 mode 0)
- Resolution Depth** 8 bit
- Color Modes** Raw8 (Mono8), YUV4:2:2, YUV4:1:1
- Digital Interface** IEEE1394; DCAM V1.30
- Transfer Rate** 100, 200, 400 Mb/s
- Frame Rate** 3.75Hz; 7.5Hz; up to 15Hz in Format 7
- Power Requirements** DC 8V-36V via IEEE1394 Cable
- Power Consumption** Less than 3 Watt(@12 VDC)
- Beamsplitter ratio for adaptor is 70% camera and 30% examiner.



T H E L E A D E R I N V I S I O N D I A G N O S T I C S[®]

