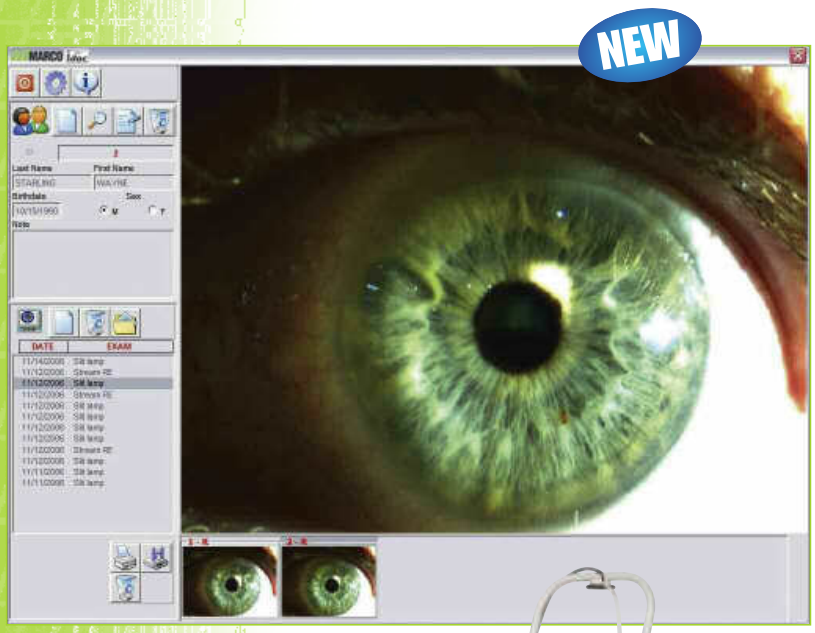
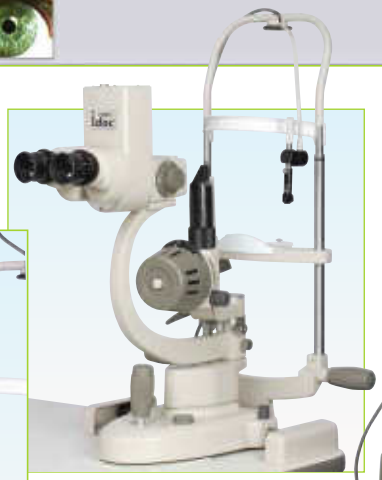
MARCO
THE LEADER IN VISION DIAGNOSTICS®



idoc

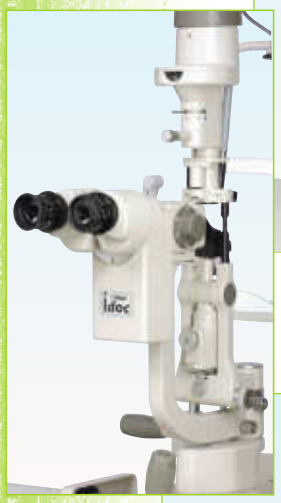
DIGITAL IMAGING SYSTEM

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 configuration for G2 and G4 models.

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 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
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.