



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, highquality 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 system configuration

MARCO idoc[®] System Requirements

HARDWARE & SOFTWARE SPECIFICATIONS:		
05	Windows XP 32bit / 64bit (All editions) SP2/SP3 Windows Vista 32bit / 64bit (All editions) Windows 7 32bit / 64bit (All editions) SP1	
CPU	Intel 1 (GHz) or faster 32-bit (x86) or 64-bit (x64) processor	
RAM	1 (GB) RAM (32-bit) or 2 GB RAM (64-bit) or more	
HD	200 (GB) or more	
Drive	CD-RW	
(NEW ITEM) Video Card	Any video card which has enough capacity to show high quality images. (Consult your IT professional.)	
I/F Desktop	IEEE 1394A (Firewire) PCI Board is required to be installed, 1 RS232-C Serial Port (or Serial to USB adapter), 4 or more open USB 2.0 ports at the rear of the computer case.	

l/F Laptop	Externally powered IEEE 1394A (Firewire) card for
	the specific Laptop auxiliary card slot.

CAMERA SPECIFICATIONS:

Image Device Effective	1/2" Type progressive scan SONY IT CCD
Picture Elements	Up to 1388 x 1038 pixel
Transfer Rate	100/200/400/800 Mb/s
Frame Rate	15MHz at full resolution (1388 x 1038)
Resolution Depth	8 bit
Color Modes	Raw8 (Mono8), YUV4:2.2, YUV4:1:1
Digital Interface	IEEE1394; DCAM V1.30
Power Requirements	DC 8V-36V via IEEE1394 Cable
Power Consumption	Less than 3 Watt(@12 VDC)



