

# TECHNICAL DATA

## DIGORA® Optime technical data

Pixel size, selectable	40 µm (Super), 64 µm (High)
Bit depth	14 bits grayscale
Spatial resolution	12.5 lp/mm
Readout time	4.3 - 7.5 seconds
Interface cable	UTP (RJ-45) Ethernet required, not supplied (max. 2.5m). Connection to the PC must meet IEC 60601-1 and/or corresponding IEC harmonized national standard.
DXR 50 Classification IEC60601-1	- Class 1 equipment - Continuous operation - IPX0 (enclosed equipment without protection against ingress of liquids)
Dimensions (H x W x D)	191 mm x 221 mm x 394 mm (7.5" x 8.7" x 15.5")
Weight	7 kg (15.5 lb)
Operating voltage	100 – 240 V, 50/60 Hz
Operating current	Less than 1.3 A
Operating environment	+10°C – +40°C, 30 – 90 RH%, 700 – 1060 hPa
Operating position	Horizontal, on a stable, vibration-free surface
Storage / transportation environment	-10°C – +50°C, 0 – 90 RH%, 500 – 1080 hPa

## Computer recommendations<sup>1</sup>

	Singleuser PC	Network PC	Network Server PC
Operating System (32-bit)	Windows NT 4.0/2000/XP <sup>2</sup>	Windows NT 4.0/2000/ XP <sup>2</sup>	Windows Server NT4.0/2000/2003
Processor (CPU)	2.0 GHz or better, AMD or Intel	2.0 GHz or better, AMD or Intel	1.0 GHz or better, AMD or Intel
RAM	512 MB or more	512 MB or more	512 MB or more
Hard disk	at least 20 GB free	at least 20 GB free	at least 20 GB free
Display	17" or 19" 1280x1024 SXGA resolution or better <sup>3</sup>	17" or 19" 1280x1024 SXGA resolution or better <sup>3</sup>	no recommendation
Removable media	CD/DVD-ROM or CD/DVD-RW drive (recommended)	CD/DVD-ROM or CD/DVD-RW drive (recommended)	CD or DVD-ROM
Network Adapter	100 Mb/s Ethernet	100 Mb/s Ethernet	100 Mb/s Ethernet
Network Protocol	TCP/IP	TCP/IP	TCP/IP
Data Backup	SCSI Tape backup or other backup device	See server recommendations	SCSI Tape backup or other backup device
Other		One workstation should have CD-RW drive for archive purposes	(UPS) Uninterruptible Power Supply

## DIGORA® Optime Imaging Plates

	0	1	2	3
Dimensions	22 x 31 mm	24 x 40 mm	31 x 41 mm	27 x 54 mm
Image size (pixels), 40 µm	550 x 775 pixels	600 x 1000 pixels	775 x 1025 pixels	675 x 1350 pixels
Image size, 40 µm	833 KB	1.17 MB	1.55 MB	1.78 MB
Image size (pixels), 64 µm	484 x 344 pixels	625 x 375 pixels	641 x 484 pixels	844 x 422 pixels
Image size, 64 µm	325 KB	458 KB	606 KB	695 KB

<sup>1</sup> The above recommendations are intended as a guide only and represent basic system configurations that are compatible with this product. SOREDEX cannot guarantee compatibility with any specific PC hardware or software. It is the customer's responsibility to select PC hardware and software that will be compatible with SOREDEX products. For more detailed information, please contact a SOREDEX representative or visit our website.

<sup>2</sup> Windows XP Professional and Home editions are supported. Windows XP MCE (Media Center Edition) is not supported.

<sup>3</sup> Minimum supported display resolution is 1024 x 768, with some limitations. Minimum supported display bit depth is 15 bit color (Hi-Color). A 24 or 32 bit color display bit depth is recommended.