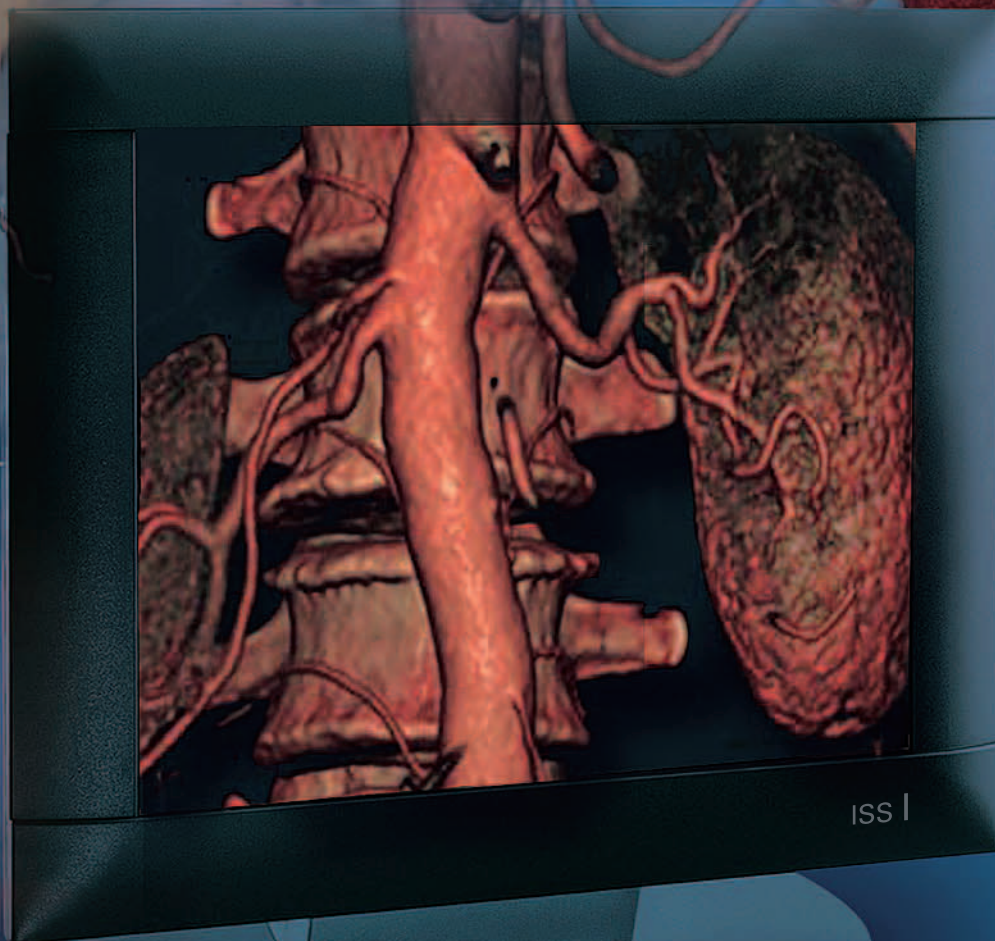


# SXD<sup>3</sup> 1899

## 1 MPixel 18" 3D Color Display



- Fully automated luminance stability through the Integrated Stability System (ISS)
- Superior 3D view
- Real spacial impression
- Auto 3D display, no additional viewing aid necessary
- Multi user 3D
- Large 3D presentation area
- Wide viewing angle
- System developer kit for easy integration into customer software
- Open GL interface for common 3D applications
- Approved and reliable hardware platform
- Internal silent power supply

# display SOLUTIONS

The Eizo 3D color flat panel display is the first multi-user display for medical imaging which is capable of displaying three-dimensional images without the need for special viewing aids like 3D glasses or shutters. Observers are free to move within the large 3D presentation area.

The remarkable SXD<sup>3</sup> 1899 allows physicians to fully exploit the capabilities and benefits of modern 3D visualization software in medical applications, including Angiography, CT, MRI, Ultrasound, surgical planning and Nuclear Medicine.



# SXD<sup>3</sup> 1899

## 1 MPixel 18" 3D Color Display

Technical specifications	
<b>Display performance</b>	
Resolution	1280 x 1024
Size	18.1"
Display area (W x H) in mm	359 x 287
Panel technology	IPS, dual domain
Viewing angle	170° H and V
3D method	WLSFA (wave length sensitive filter array)
Antireflection coating	Anti-glare
<b>Signal inputs</b>	
Connectivity	5x BNC
Supported signals	RGB, composite and separate sync
Supported formats	SXGA
<b>Analog properties</b>	
Line frequency	30 ... 97 kHz
Frame rate	60 Hz
Signal level	0.5 ... 1.0 V <sub>pp</sub>
Sync level	0.2 ... 0.4 V <sub>pp</sub>
Impedance	75 Ω, 10 kΩ
<b>Data interface</b>	
Connectivity	SubD9
Supported signals	RS 232-Bus
<b>Backlight</b>	
Technology	CCFL
ISS (Integrated Stability System)	Yes
Life time	50 000 h
<b>Climatic conditions</b>	
Operating temperature	0 ... +40 °C ( 32... +104 °F)
Within specifications	0 ... +35 °C ( 32 ... +95 °F)
Storage temperature	-20 ... +60 °C ( -4 ... +140 °F)
Operating humidity	20% ... 80%, relative
Storage humidity	5% ... 95%, relative
Barometric pressure	1050 hPa ... 600 hPa

Technical specifications	
<b>Power requirements</b>	
Input voltage	100 ... 240 V AC, ± 10%
Power frequency	50 ... 60 Hz, ± 5%
Power consumption	< 55 W
Power save	DPMS
<b>Mechanical specifications</b>	
Degree of protection	IP20
Dimensions without stand (W x H x D) in mm	465 x 444 x 240
Dimensions with stand (W x H x D) in mm	480 x 570 x 280
Weight with stand	7.3 kg
<b>Design</b>	
Mounting options	Desktop
Orientation	Landscape
<b>Panel controls</b>	
Controls	Key pad and OSD
Indicators	Power on/off
<b>Approvals</b>	
Safety	EN60601-1 CSA C22.2 No.601.1 UL60601-1
EMC	EN60601-1-2 limit B FCC Class A MPR II
<b>Software</b>	
	System Developer Kit for customer applications (optional)
	Open GL enhancer for common 3D software
	Multiple 3D Tools

Ordering data	
<b>Model number</b>	
With fixed stand: SXD <sup>3</sup> 1899	6GF6220-1CD
<b>Accessories</b>	
DVI transmission line (36 m)	6GF6010-ODA36
<b>Options</b>	
OEM Versions	Customer specific labeling possible

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The information provided in this brochure contains descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products.