

■ 2/3 MP Expert Medical Monochrome Display, 21" 700:1 Contrast Ratio LCD



Features

- 2/ 3 Mega Pixel (1600 x 1200 Pixels/ 2048 x 1536 Pixels)
- 21.3" Diagonal Super IPS Technology
- DICOM Calibration
- Concurrent 1024 (10-Bit) Gray Scale Imaging
- 500 cd/m² Calibrated Luminance
- High Contrast Ratio: 700:1
- Ultra Wide Viewing Angle: 170°
- Clear And Blue Base
- Worldwide Medical Safety And EMC Certified



Specifications

Models	ONYX-2321-M2	ONYX-2321-M3
Display		
Mega Pixel	2M	3M
Size	21.3" TFT LCD IPS Gray Scale, 3 subpixel per pixel; Normally Black	
Native Resolution	1600 x 1200/ 1200 x 1600	2048 x 1536/ 1536 x 2048
Pixel Pitch	0.270 x 0.270	0.2115 x 0.2115
Active Screen area	432.0 (H) x 324.0 (V) mm	433.152 (H) x 324.864 (V) mm
Visual Characteristics		
Dark Room Contrast (Typical)	700:1	
Luminance (Typical)	500 cd/m ² calibrated, 1000 cd/m ² Max.	500 cd/m ² calibrated, 800 cd/m ² Max.
Viewing Angle	85°/85° (H), 85°/85° (V)	
Connectivity		
Digital Video Input	DVI-A/ DVI-D (Complying to VESA DVI)	
Analog/ Video Input (Optional)	VGA D-sub 15pins	N/A
Display Control and Communication	DDC (Complying to DDC2 Ci Standard), EDID	
USB2.0 (Optional)	USB Hub with 1 up and 2 down stream Ports	
Supported Resolutions	Up to 1600 x 1200 (Landscape), 1200 x 1600 (Portrait) VGA Card Boot	Up to 2048 x 1536 (Landscape), 1536 x 2048 (Portrait) VGA Card Boot
Display Control	Display on/off, backlight adjustment, OSD	
ALS (Auto Luminance Stabilizer)	Yes	
Power Requirement		
Input	90 to 264 VAC, 45 to 65Hz, 100W Max.	90 to 264 VAC, 45 to 65Hz, 80W Max.
Power Save	Supports DPMS < 5W	
Environmental		
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)	
Within Specifications	59°F ~ 95°F (15°C ~ 35°C)	
Certification		
Safety	UL2601; EN60601-1	
EMC	EN60601-2	
ITE Safety/EMC (optional)	EN60950; CE; FCC	
Physical Characteristics		
Gross Weight	24.86 lb (11.3 kg)	
Net Weight	21.56 lb (9.8 kg)	
Ergonomics	Tilt and swivel base with P/L Rotation, 100 mm VESA mounting standard	

Ordering Information

- **TF-ONYX-2321-M3**
Expert Medical Display, 21" 500nits, 3 MP, Diagonal Super IPS LCD, Gray Scale Imaging
- **TF-ONYX-2321-M2**
Expert Medical Display, 21" 500nits, 2 MP, Diagonal Super IPS LCD, Gray Scale Imaging