

# MFGD 1318

1MP Medical Flat Grayscale Display



## Product specifications

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### General specifications

Technology	TFT AMLCD Dual Domain IPS Grayscale, 3 subpixels per pixel
Native resolution	1280 x 1024 / 1024 x 1280
Pixel pitch	0.2805 mm
Active screen diagonal	459.7 mm (18.1")
Active screen area	359 x 287 mm (14.1 x 11.3")
Viewing angle	170° (at 10:1 contrast)
Dark room contrast	550:1 typical
Luminance	400 cd.m <sup>2</sup> (116.7 fL) calibrated, 600 cd.m <sup>2</sup> (175.1 fL) max
Stabilization, calibration and automated QA	Embedded I-Guard®
Digital Video Input	DVI (complying to VESA DVI)
Analog video inputs	VGA D-SUB15 connector, BNC
Display control and communication	DDC (complying to DDC2Bi standard), EDID
Digital video / DDC input connector	One physical DVI connector, one cable
USB	USB-hub with 1 up-and 2 downstream ports
Supported resolution	1280 x 1024 (Landscape) 1024 x 1280 (Portrait, optional Portrait Accelerator) VGA Boot
Input	90 to 264 VAC, 45 to 64W max.
Power save	Supports DPMS
Operating temperature range	0°C to +40°C (32°F to 104°F)
Within specifications	+15°C to +35°C (59°F to 95°F)
Safety	<ul style="list-style-type: none"><li>■ CE</li><li>■ UL60950</li><li>■ CSA C22.2 No 60950 (c-UL)</li><li>■ CB</li><li>■ IEC 60950</li><li>■ DEMKO EN 60950</li></ul>
Emission	<ul style="list-style-type: none"><li>■ EN 55022</li><li>■ EN 50082-1</li><li>■ FDA 510 k</li></ul>
Dimensions	L: 433 x 525 x 250 (17.0 x 20.7 x 9.8")
Weight	11.8 kg (26 lbs.)
Ergonomics	<ul style="list-style-type: none"><li>■ Tilt &amp; swivel base with P/L rotation</li><li>■ 100 mm VESA mounting standard</li><li>■ AR coated front cover</li></ul>
Display controls	<ul style="list-style-type: none"><li>■ Display on/off</li><li>■ backlight adjustment</li><li>■ OSD</li></ul>

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