



HIGHNESSTM

21.5" SURGICAL DISPLAY

MHSD-2112

FUNCTIONAL DRAFT SPECIFICATION



Applications:

Endoscopy

Laparoscopy

Digital OR

Release Date

30th Apr 2021

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HIGHNESS MICROELECTRONICS PVT LTD.

URL: www.highnessmicro.com, Email: sales@highnessmicro.com

Technical Specification

Screen Technology	TFT AM LCD
Active Screen Size (Diagonal)	21.5"
Active Screen Size (H x V)	476.64 x 268.11 mm
Aspect Ratio	16:9
Resolution	1920 x 1080
Pixel Pitch	248.25 μ m
Viewing Angle (H, V)	178°
Maximum Luminance	300 cd/m ²
Contrast Ratio	3000:1
Color	16.7 Million
Response Time (Tr + Tf)	18 ms
Video Inputs Signals	Digital: - HDMI Standard, DVI Analog: - VGA
Interface Port	Digital: - HDMI Port, DVI Analog: - 15 Pin D-Sub
Power Requirements	AC 240V
Power Consumption	55W Max
Power Saving	EPA, VESA Standard
Operating Temperature	0 to +50°C
Storage Temperature	-20 to +60°C
Relative Humidity	10% to 90% (Non-Condensing)
Housing Color	White
Housing Material	Metal
Mounting Standard	VESA (100 mm)