



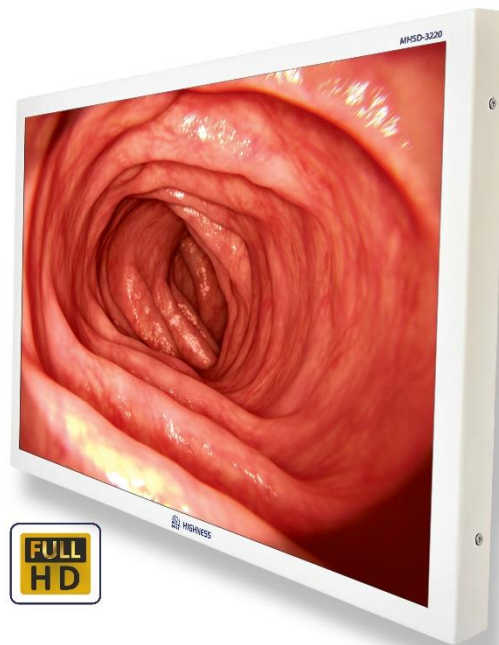
**HIGHNESS**<sup>TM</sup>

*One of a kind*

**32" SURGICAL DISPLAY**

**MHSD-3220**

FUNCTIONAL DRAFT SPECIFICATION



**Applications:**

Endoscopy

Laparoscopy

Digital OR

Update Date  
27<sup>th</sup> Apr 2023

---

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS SOLELY OWNED BY 'HIGHNESS MICROELECTRONICS PVT LTD'. ANY UNAUTHORISED COPY OR PRINTING OR PUBLISHING OF INFORMATION IN THIS DOCUMENT IN PART OR IN COMPLETE IS RESTRICTED.

---

**HIGHNESS MICROELECTRONICS PVT LTD.**

URL: [www.highnessmicro.com](http://www.highnessmicro.com), Email: [sales@highnessmicro.com](mailto:sales@highnessmicro.com)

## Technical Specification

Screen Technology	TFT AM LCD
Active Screen Size (Diagonal)	32"
Active Screen Size (H x V)	698.4 x 392.85 mm
Aspect Ratio	16:9
Resolution	1920 x 1080
Pixel Pitch	121.25 x 363.75 $\mu\text{m}$
Viewing Angle (H, V)	178°, 178°
Maximum Luminance	400 cd/m <sup>2</sup>
Contrast Ratio	1200:1
Color	16.7 Million
Response Time (Tr + Tf)	10 ms
Video Inputs Signals	2x 3G-SDI, HDMI, DVI, VGA, CVBS
Video Outputs Signals	3G-SDI
Power Requirements	AC 230V
Power Consumption	192W
Operating Temperature	0 to +50°C
Storage Temperature	-20 to +60°C
Relative Humidity	10% to 90% (Non-Condensing)
Backlight Life	30,000 hours
Housing Color	White
Housing Material	Metal
Mounting Standard	Wall Mount & VESA (200 mm) (Optional)