



HIGHNESS™

One of a kind

MHSD-4340V

43"4K Surgical Display With
Software Defined Video over Ethernet



Rev.00

Release Date

17th Feb 2026

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HIGHNESS MICROELECTRONICS LTD.

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1. Technical Specification

Screen Technology	TFT AM LCD
Active Screen Size (Diagonal)	43"
Active Screen Size (H x V)	941.184 x 529.416 mm
Aspect Ratio	16:9
Resolution	3840 x 2160
Pixel Pitch	0.2451 mm
Viewing Angle (H, V)	178°, 178°
Maximum Luminance	650 cd/m ²
Contrast Ratio	1000:1
Color	1.07 billion
Response Time (Tr + Tf)	12 ms
Video Inputs Signals	2x HDMI, 2x DP
Video Output Signal	HDMI
PIP Function	PIP/ PBP (L/R, Top/Bottom)/ 4P(4Windows)
Software Defined Video over Ethernet (SDVoE)	1x SFP+ (10G Fiber) Uncompressed 4K/8K video
	1x Ethernet (1G Copper)
Power Requirements	DC 24V (6.67A)
Power Consumption	160W
Operating Temperature	0 to +50°C
Storage Temperature	-20 to +60°C
Relative Humidity	10% to 90% (non-Condensing)
Other Feature	Round Corners for Ergonomics Design
Surface Treatment	Toughened Ultra Clear Glass 3.5mm
	AR & Antimicrobial Coated
	IP56 Front
Backlight Life	50,000 hours
Housing Color	White
Housing Material	Metal
Weight	TBA
Mounting Standard	Wall Mount

2. Mechanical Drawing

{TBA}

(Manufacturer reserves the sole right to change the specifications without prior notice)
(Toughened Glass will reduce the original luminance of the LCD display)