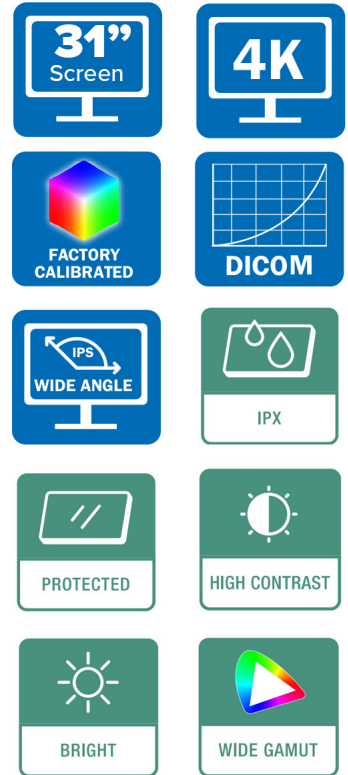


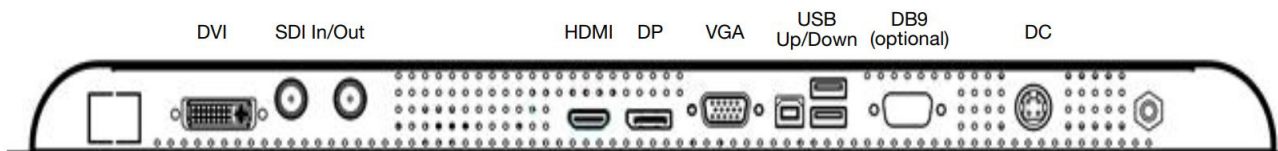


31" 4K Surgical Display



- Universal 4K Connectivity: HDMI 2.0 and DP 1.2 ready
- Vent-free to decrease the risk of surgical field contamination
- Low AR Protective Cover protects against impact from surgical field equipment
- Contrasting enclosure reduces eye fatigue
- Conforms to IEC 60601 Safety & Quality certifications

INPUT / OUTPUT CONNECTOR PANEL



31" 4K Surgical Display

DISPLAY PERFORMANCE

LCD Panel	AHVA LCD, LED Backlight
Image Size (H x W)	27.9 x 15.7 inches (708.4 x 398.5 mm)
Viewing Area (Diagonal)	31 inches (787.4 mm)
Pixel Pitch	0.15525 x 0.15525 mm
Resolution (H x V)	3840 x 2160 (4K/UHD)
Aspect Ratio	16:9
Luminance	500 cd/m2 (Typical)
Contrast Ratio	1350:1 (Typical)
Number of Colors	8+HiFRC (1.07B)
Calibration	Factory Calibrated Color Accuracy and Gamma
Color Gamut	NTSC 94%
Viewing Angle	178° (Horizontal & Vertical)
Response Time	18 ms (Tr+Tf)
Gamma	1.8, 2.0, 2.2, 2.4, DICOM
Color Temperature	Cool, Neutral, Warm, User

POWER

POWER INPUT

Input Power	24 VDC
Power Supply Input	100-250 VAC, 50/60 Hz
Power Consumption (W)	≤ 130 on (EPA Energy Star compliant), ≤ 5 active off

ENVIRONMENTAL

Operating Temperature	0 to 40 (°C)
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PHYSICAL

Dimensions (W x H x D)	29.9 x 18.3 x 2.4 in (761.2 x 465.6 x 61.5 mm)
Display Weight	25.8 lbs, 11.7 kg
Mounting Pattern	100 x 100 / 200 x 100 mm
IP Rating	IP65 (Front), IPX1 (Back Cover)
Screen Protection	Low AR Protective Panel
Cable Cover	No

INPUTS / OUTPUTS

VIDEO INPUTS	CONNECTION TYPE	MAX RESOLUTION
VGA x 1	D-Sub	Full HD
3G-SDI x 1	BNC	Full HD
HDMI 2.0 x 1	HDMI	4K
DisplayPort 1.2a x 1	DisplayPort	4K
DVI x 1 (HDMI 1.4)	DVI-D	Full HD
VIDEO OUTPUTS		
3G-SDI x 1	BNC	Full HD
CONTROL INPUTS		
RS-232 Serial Control	via USB (optional RS232 DB9 connector)	
USB	1 x Upstream, x 2 Downstream	

CERTIFICATIONS

UL/cUL(ANSI/AAMI ES60601-1:2005+A1, CAN/CSA C22.2 NO.60601-1:14) FCCB CE (IEC/EN 60601-1; ed.3.1;IEC/EN 60601-1-2:2014/2015, 4th ed.)

ORDERING INFORMATION

31" 4K Surgical Display - 100431E

MECHANICAL DRAWING

