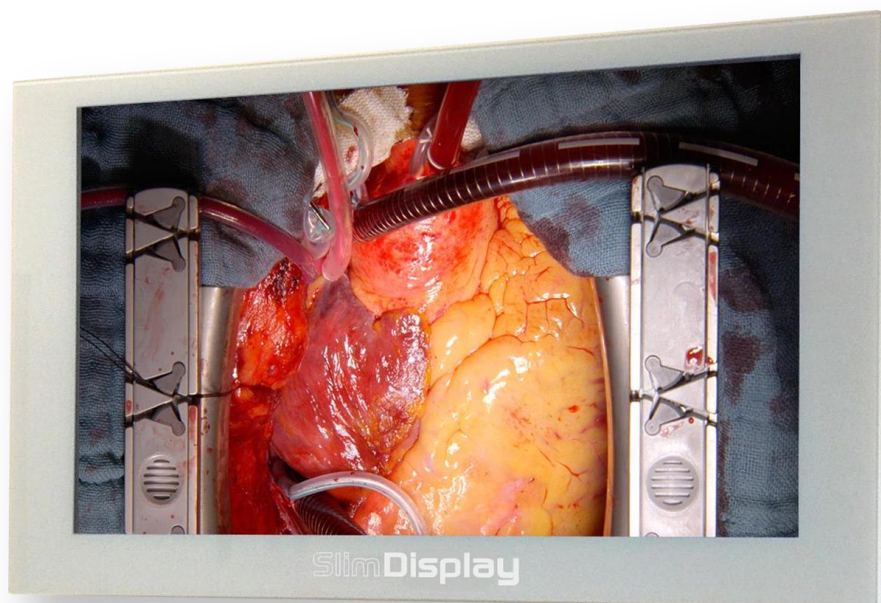


SlimDisplay

Wide formats video monitors for surgical environments

XL/XL-4K



AVD

AUDIO - VIDEO - DICOM

Technical Specifications



Ref: IS 22 49



Ref: IS 22 24

Display

- Screen Size [inc/cm]: 48/122 **SlimDisplay XL** (SLD XL); 55/140 **SlimDisplay XL-4K**
- Active Screen Area (W x H) : 1054 x 593 mm **SlimDisplay XL**; 1210 x 681 mm **SlimDisplay XL-4K**
- Panel Technology : AMVA3 **SlimDisplay XL**; S-PVA **SlimDisplay XL-4K**; with Edge LED backlights
- Aspect Ratio : 16:9 (landscape display only)
- Brightness [cd/m^2] : 500, Eco (shipment setting), Contrast Ratio (typical) : 4000:1
- Viewing Angle [°] : 178 horizontal / 178 vertical (typical at contrast ratio 10:1)
- Response Time (typ.) [ms] : 6,5 (Grey-to-Grey)
- Panel Refresh Rate [Hz] : 60
- Multi-sources display : Dual PIP (Picture IN Picture) and PAP (Picture AND Picture) modes with IR remote control

Synchronisation Rate

- Horizontal Frequency [kHz] : 31.5 - 91.1 (analog and digital)
- Vertical Frequency [Hz] : 25,2 - 85

Resolution

- Native Resolution : **SlimDisplay XL** : 1920 x 1080 @ 60 Hz* and **SlimDisplay XL-4K** : 3840 x 2160 @ 60 Hz
- *Nota: **SlimDisplay XL** is **4K UHD compatible**, 3840x2160 signal "downscaled" to 1920 x 1080 resolution
- Digital and analog inputs (PC) : 1920 x 1080; 1680 x 1050; 1600 x 1200; 1400 x 1050; 1366 x 786; 1280 x 1024; 1280 x 960; 1280 x 800; 1280 x 768; 1280 x 720; 1024 x 768; 800 x 600; 720 x 576; 720 x 400; 640 x 480
- Supported on digital inputs (Video) : 1920x1080i (59.94/60); 1920x1080p (59.94/60); 1920 x 1080p (50); 1920x1080p (23.97/24); 1920x1080p (25); 1920x1080p (29.97/30); 1280x720p (50); 720x576p (50); 720x480p (59.94/60). 3840x2160 (24/30 Hz); 4096x2160 (24 Hz) (only on **SlimDisplay XL-4K** model).

Connectivity

- Video entry connection : internal (standard) or external with optional Video Connect Pack*
- Video inputs : **SlimDisplay XL** : internal CV, VGA, DVI/HDMI1.4, HDMI 2.0. external (PVC: IS 22 53) CV, VGA, DVI/HDMI1.4, HDMI 2.0 and HD-SDI/3G-SDI. **SlimDisplay XL-4K** : internal 2 x DVI-D (HDCP); 1 x DisplayPort (HDCP); 4 x HDMI (HDCP). External (PVC 4K: IS 22 54): HD and 4K (x4 HDMI1.4 and x1 HDMI 2.0)
- Input Audio Analogue : 1 x AUX (jack 3,5 mm) optional (IS 20 12)
- Output Control: RS232 serial link (internal), infrared Remote Control (provided)

Electrical

- Connection : external (standard) or internal (on specific request)
- Max. Power Consumption [W] : 100 (eco) 150 (SLD XL); 110 (eco) 160 (SLD XL-4K)
- Power Savings Mode [W] : < 0,5 (ECO Standby); < 1. Power Management : VESA DPMS

Environmental Conditions

- Temperature [°C] : Storage -10 à +50. Operating +15 à +25
- Humidity [%] : Storage 10 à 90 without condensing, Operating 30 à 75, without condensing

Mechanical

- Front-face protection: Securit silk-screened antireflections protective glass, width 6 mm
- Dimensions (L x H x P) [mm] : 1215 x 735 x 105 (SLD 48") ; 1420 x 895 x 95 (SLD 55"4K)
- Weight [kg] : < 47 (SLD 48") ; < 75 (SLD 55" 4K)
- Fixation : Hanging mechanical interface with 6 fixation points
- Embedded versions*: **FlushDisplay XL**, **FlushDisplay XL-4K** 55" and 65"
- Ingress Protection : IP65 front-face

Certifications

- Conformity : IEC/EN 60601-1 (isolation transformer) ; IEC/EN 60601-1-2*
- GSDF (Greyscale Standard Display Function) DICOM Part 14 conformity for all models

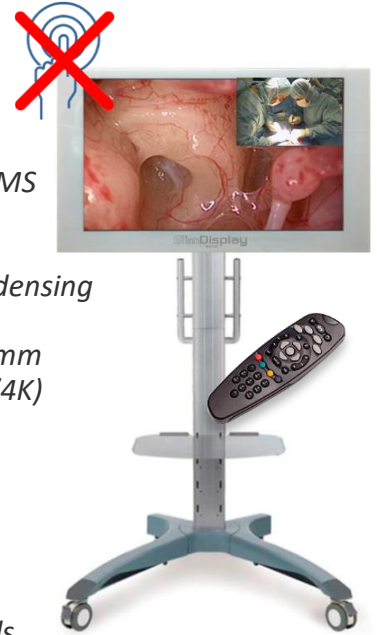
Available options

- Accessories: Integrated audio Kit 2 x 20 W; mobile stand, Video Connect Pack and Video Connect 4K Pack *
- Evolutivity : hardware and software gateways* to **PanelMedia**, **DICOMedia** and **SurgiMedia**® systems

Warranty

- Warranty duration : Two years with possible extension*

* For additional information, please contact ISIS or representative



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