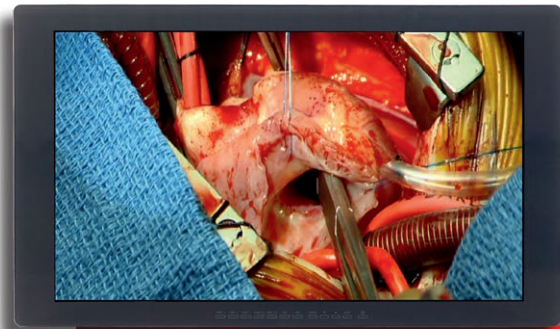


Datasheet



SC31811/ZSI3122KMII

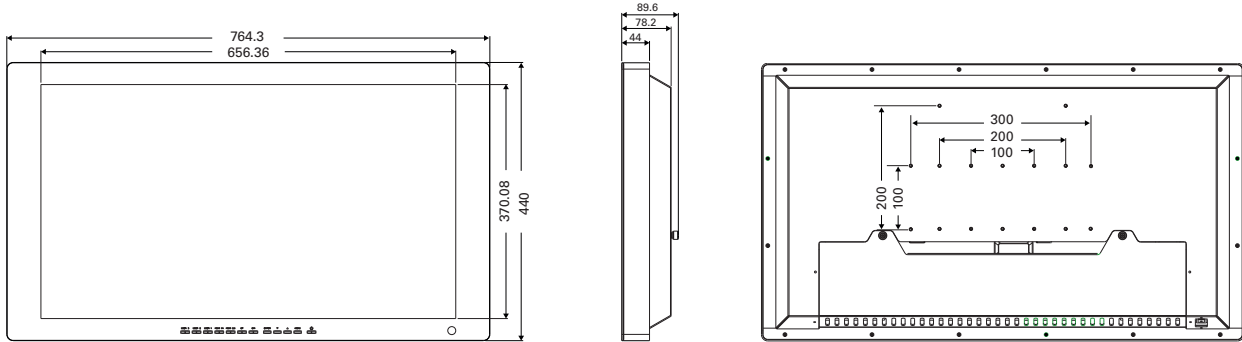
30" Ultra HD (4K) Endoscopy and Surgical Display

Optik View’s Endoscopy and Surgical Ultra HD 8 MP displays are designed for the modern operating room. Our 30-inch variant is based on a wide gamut (AdobeRGB is covered completely), wide viewing angle IPS panel with 3840 x 2160 pixels.

Whether reviewing a live procedure at stunning resolution or using the display as single point of reference for multiple data and video sources: These displays offer unsurpassed flexibility, outstanding input signal management and image quality, satisfying even highest quality demands.

In the operating room, in radiology, in health care education centers or in the context of high-resolution military and broadcasting applications: These Ultra HD 8 MP displays are in demand wherever no compromise in terms of image quality is acceptable.

30"



ALS

LUT 18bit

DUC

Front Sensor

4K2K

Color Tracking

DDC/CI Control

RS232 Remote

AR Protective Filter

IPX5 Front

IPX1 Back

DL DVI

HDMI 2.0

DP 1.2

Fanless

Dynamic Scaling

User Presets

5V Access. Power

Cover Guard

Self Calibration

|                                |                               |                                                                            |                            |                                                                   |
|--------------------------------|-------------------------------|----------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------|
| IDType                         |                               | True Flat Metal                                                            |                            |                                                                   |
| Panel Spec                     | Type                          | IPS                                                                        |                            |                                                                   |
|                                | Resolution                    | 3840(H)x2160(V)                                                            |                            |                                                                   |
|                                | Screen Size                   | 31                                                                         |                            |                                                                   |
|                                | Display Area (mm)             | 697.958(H)x368.0641(V)                                                     |                            |                                                                   |
|                                | Pixel Pitch (mm)              | 0.1704(H)x0.1704(V)                                                        |                            |                                                                   |
|                                | Viewing Angle (degree)        | 178(H)/178(V)                                                              |                            |                                                                   |
|                                | Response Time (ms)            | 20(on/off)                                                                 |                            |                                                                   |
|                                | Brightness (cd/m²)            | 450(typ.)                                                                  |                            |                                                                   |
|                                | Contrast Ratio                | 1500:1(typ.)                                                               |                            |                                                                   |
|                                | Color Gamut (%)               | Adobe RGB 100%                                                             |                            |                                                                   |
|                                | Color Depth (bits)            | 10                                                                         |                            |                                                                   |
| I/O Interface                  | DVI                           | DVI-D in x1                                                                | S-Video (4 pins Mini-Din)  | N/A                                                               |
|                                | HDMI                          | HDMI2.0 in x1                                                              | RGBS/YpPr (BNC)            | N/A                                                               |
|                                | DP                            | DP1.2 in x2                                                                | SDI(BNC)                   | 12G-SDI in x2 out x2<br>3G-SDI in x2 out x2                       |
|                                | VGA                           | N/A                                                                        | Serial Remote              | RS232(D-sub 9pin)                                                 |
|                                | Composite (BNC)               | N/A                                                                        | IR Remote Control          | Yes                                                               |
| Features                       | Color Temperature             | 5400K/6500K/7500K/9300K/ User                                              | Multi Display Mode         | 4PAP(SDI x4)                                                      |
|                                | Gamma Selection               | Native/1.8/2.0/2.2/DICOM                                                   | Color Tracking             | Yes                                                               |
|                                | Gamma LUT (bits)              | 18                                                                         | Uniformity Compensation    | Yes                                                               |
|                                | Calibrated Brightness (cd/m²) | 300/350/Range(180~350)                                                     | Self Calibration           | Yes                                                               |
|                                | Luminance Stabilize Sensor    | Front Sensor                                                               | Auto Gamma                 | N/A                                                               |
|                                | Scaling Mode                  | Aspect Ratio                                                               | DC Output                  | 5V                                                                |
|                                |                               |                                                                            | OSD Languages              | English/Chinese(simplified)<br>/Chinese(Traditional)<br>/Japanese |
| Power Requirements             | Power Supply                  | DC 24V                                                                     |                            |                                                                   |
|                                | Power Consumption (W)         | 130(Max)                                                                   |                            |                                                                   |
| Physical Characteristics       | Dimensions (WxHxD) (mm)       | 764.3 x 440 x 89.6(w/o Stand)                                              | Screen Protection          | PMMA                                                              |
|                                | VESA Mounting (mm)            | 100x100/200x100                                                            | Surface Coating            | High end AR<br>(Transmittance ≥98%)                               |
|                                | Weight (Kg)                   | 11.5(w/o Stand)                                                            | IP Rating (Front)          | IPx5                                                              |
|                                | ID Color                      | White                                                                      | IP Rating (Back Cover)     | IPx3                                                              |
| Reliability                    | Operating Temperature ( · C)  | 5 to 35                                                                    | Storage Temperature ( · C) | -20 to 60                                                         |
|                                | Operating Humidity (RH)       | 30% to 75%                                                                 | Storage Humidity (RH)      | 10% to 90%                                                        |
| Certifications and Compliances |                               | cTUVus(60601 Ed3.1),CB(60601 Ed3.1),CB(60950 Ed2),CE,FCC-B,VCCI-B,CCC,BSMI |                            |                                                                   |