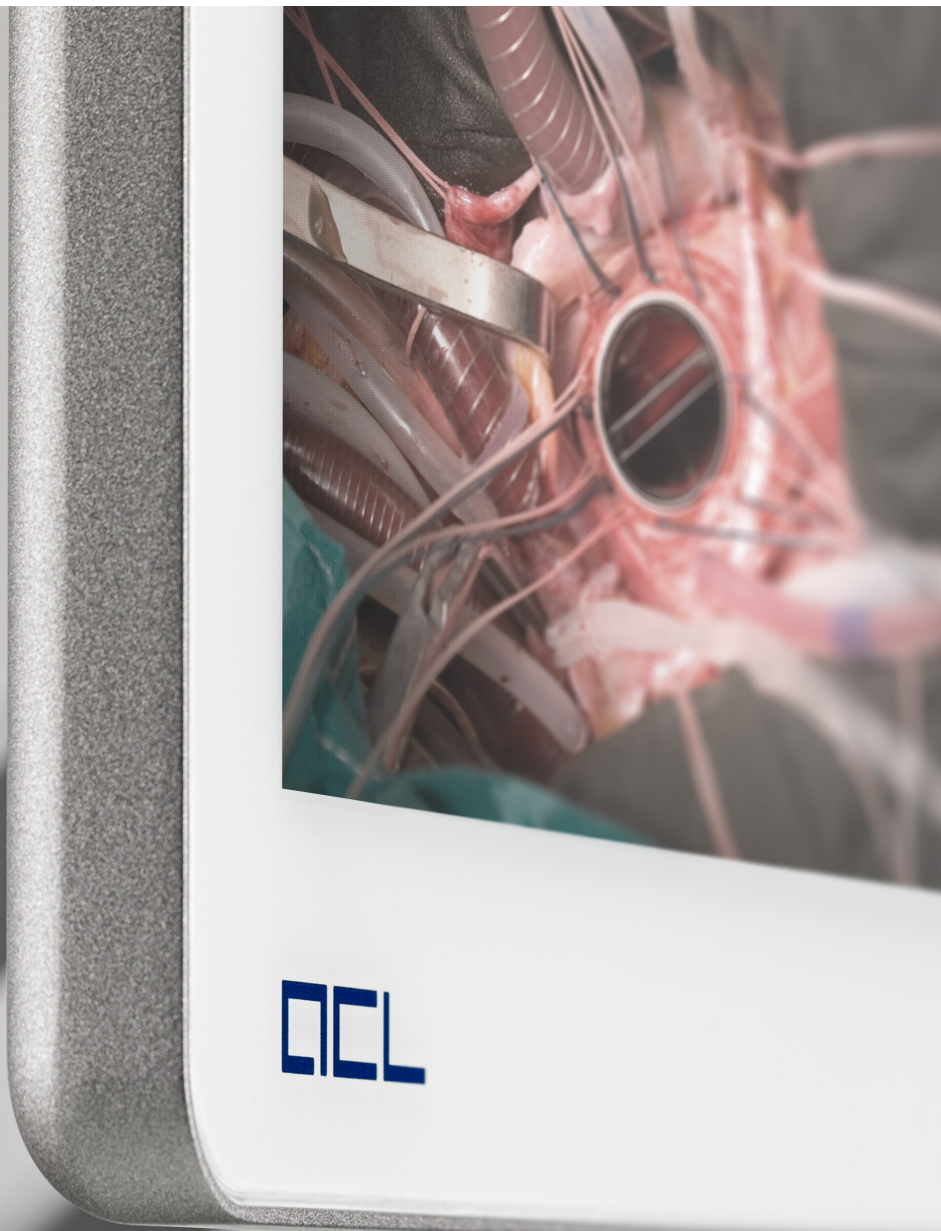


# OR-MD<sup>®</sup> 55 4K

the best image in Ultra HD



The OR-MD<sup>®</sup> is the first choice for medical image and video displays in the operating theatre and intensive care units. Bright, true color displays and a high all round viewing angle are the hallmarks of this series. It was specially developed for viewing radiological, endoscopic and microscopic images and can also be used as a second screen.

#### Fields of application

- + Operating theatres
- + Endoscopy
- + Microscopy



# OR-MD® 55 4K

## Technical data

| Product description |   |
|---------------------|---|
| Design              | compact display developed for 24/7 operation in the patient environment                                 |
| Housing             | compact housing for the display and power supply unit in an extremely robust lightweight metal design   |
| Cooling             | special zone cooling system developed by ACL without any mechanically moving parts and maintenance-free |
| Cleaning            | wiping all exterior surfaces with commercially available disinfectants                                  |

| Suitable ambient conditions | Operation                 | Storage                     |
|-----------------------------|---------------------------|-----------------------------|
| Temperature                 | 0 to 40 °C / 32 to 104 °F | -10 to 60 °C / 14 to 140 °F |
| Relative humidity           | 10 to 90 % non-condensing | 5 to 70 % non-condensing    |

| Standard conformity |  |
|---------------------|--|
| IEC 60601-1         | electrical safety for devices in the medical environment             |
| IEC 60601-1-2       | electromagnetic compatibility for devices in the medical environment |

| Panel description  | Standard equipment                                    | Options  |
|--------------------|---|--|
| Lacquering         | light grey RAL 7035                                   | germ-reducing nanolacquering, other color tones in conformity with RAL |
| Protective panel   | 4mm protective pane with anti-reflection coating (AR) |  |
| Dimensions (W×H×D) | 1263×753×64 mm / ca. 50×30×2.5 inches                 |  |
| Standard mounting  | built-in VESA-200×400 interface                       | extensive mounting solutions available as accessories                  |
| Weight             | ca. 39.5 kg / ca. 87 lbs                              | customized design available depending upon equipment                   |
| Power supply unit  | 100–240 V / 50 / 60 Hz / max. 200 W internal          |  |
| Front keypad       | 6 keys including on/off button and OSD navigation     | customized keypads with special functions                              |

| Display module    |   |
|-------------------|---|
| Display typ       | 55" TFT display with Ultra-HD resolution and full glass front |
| Color depth       | 1.07 billion colors   |
| Native resolution | 3840×2160 px  |
| Contrast ratio    | 4000:1  |
| Luminance         | 500 cd/m <sup>2</sup>   |
| Viewing angle     | 178°/178°   |
| Optional features | PCAP touchscreen  |

| Interfaces             | Standard       | Options  |
|------------------------|----------------|--|
| Input                  | 2× DP, 2× HDMI | 1× 12G-SDI, 1× 12G-SDI Loop-Through (selecting this option reduces the number of HDMI ports coming by standard to 1× HDMI) |
| potential equalization | onboard        |  |

| OSD settings     |  |
|------------------|--|
| OSD language     | English, German, French, Spanish, Italian                                  |
| Image parameters | brightness, contrast, color temperature, gamma, input signal and much more |

| Accessories/software | Standard           | Options                                     |
|----------------------|--------------------|---|
| Accessories          | manual, power cord | wide range of adapters and cables available |
| DICOM                | none               | DICOM preset                                |

| Warranty | Standard  | Options         |
|----------|-----------|-----------------|
| Duration | 24 months | up to 60 months |

Note: Not all options can be combined with one another. Other equipment available upon request. We reserve ourselves the right to make changes for technical advancement. ACL OR-MD® 55 4K EN © 02.23 Rev. 1.6 by ACL GmbH

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