EN

OR-MD® 27

the best image in Full HD

The OR-MD® 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

Made In Germany

OR-MD® 27
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	Corning® Gorilla® Glass with anti-reflection coating (AR) and anti-fingerprint coating (AF)	
Dimensions (W×H×D)	652×424×63.5 mm / ca. 25×16×2.5 inches	
Standard mounting	built-in VESA-100 interface	extensive mounting solutions available as accessories
Weight	ca. 9.1 kg / ca. 20 lbs	customized design available depending upon equipment
Power supply unit	90–240 V / 50 / 60 Hz / 110 W internal	wide-range 12–24 V direct current input
Front keypad	6 keys including on/off button and OSD navigation	customized keypads with special functions

Display module	
Display typ	27″ TFT display with Full-HD resolution and full glass front
Color depth	16.7 millions colors
Native resolution	1920×1080 px
Contrast ratio	3000:1
Luminance	350 cd/m²
Viewing angle	178°/178°
Response time	14 ms (G-to-G)
Optional features	PCAP touchscreen, optical bonding

Interfaces	Standard	Options
Input	1 × S-Video, 1 × Composite, 1 × DP, 1 × DVI-I	2. DVI-I, 1 × 3G-SDI
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, cable cover
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 ourselfes the right to make changes for technical advancement. ACL OR-MD® 27 EN © 05.23 Rev. 1.4 by ACL GmbH

ACL Headquarters
Apelsteinallee 5
04416 Markkleeberg, Germany
P: +49 (0)341 2307810
E: sales@acl.de
W: www.acl.de

ACL America
80 Pine Street, Floor 24
New York, NY 10005, USA
P: +1 646 405 1042
E: sales@acl-america.com
W: www.acl-america.com

ACL Asia
Unit 806-7, 8/f, Kowloon Plaza,
No 485 Castle Peak Road, Kowloon, Hongkong
P: +852 3461 9789
E: info@acl-apac.com
W: www.acl-apac.com