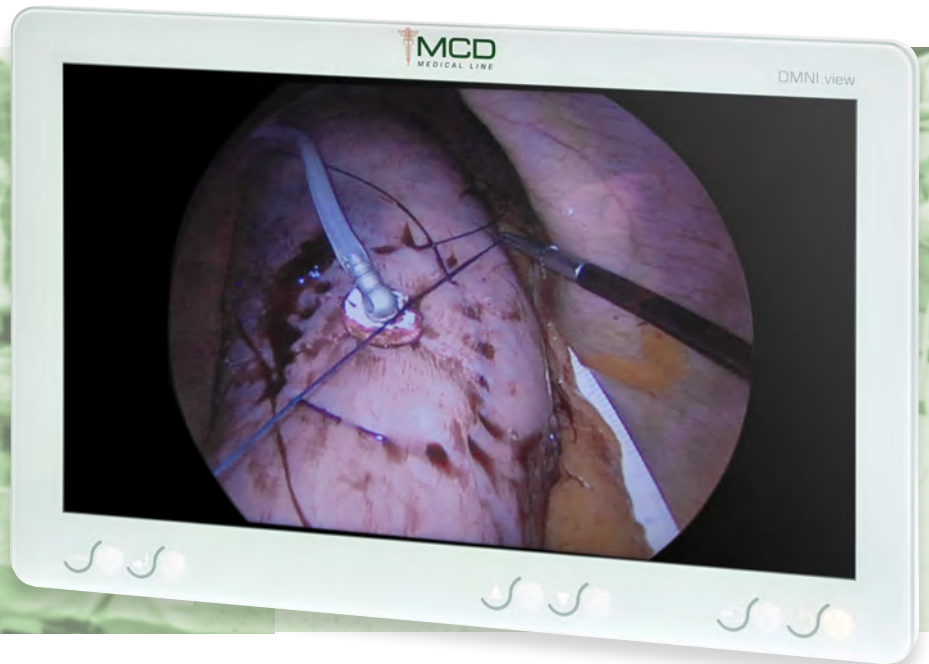# OMNI.view²

Medical Display

- ✓ **Operating Room**
- ✓ **Intensive Care**
- ✓ **Patient Environment**

OMNI.view² Medical Display

Precise Details

No question of perspective: With its wide viewing angle of 178° the IPS display of the OMNI.view² convinces by the accurate, true-color reproduction of the finest details even when viewed from the side. The Optical Bonding option further improves the detail reproduction, particularly in difficult light conditions.

Hygienic Design

Easy cleaning and disinfection thanks to the closed, full-width glass front and protection class IP65/54 (front/rear).

Touchscreen Option

Often the space for keyboard and mouse is missing. With the projected capacitive touch screen you can operate your system even with surgical gloves.

Robust & Reliable

The robust metal housing is designed for intensive use in harsh everyday clinical practice. With the VESA 100 fixing it can be reliably and firmly attached to walls or multi-equipment carriers in operation theatres. You can rely on the OMNI.view² in 24/7 continuous operation. We use industry grade components with generous dimensioning of critical components.

MCD Extra Warranty

For this reason, as a standard feature we offer a three-year warranty on the products of the MCD Medical Line, which can be extended to five years.

MCD Medical Line

MCD Medical Devices + Solutions

Technical Data

Display

Panel	21,5", 24", 27" (IPS technology)
Resolution	1920 x 1080 Pixel (Full HD)
Viewing Angle	Horizontal 178°, vertical 178°
Colors	16,7 Mio.
Brightness	250 cd/m²
Pixelerror	Class 1
Pixelsize	21,5" 0,2475 mm 24" 0,2475 mm 27" 0,3114 mm

Interfaces

Video	Standard	With DICOM Option
	1 x VGA	1 x SVideo, 1 x Composite
	1 x DVI-I	1 x DVI-I
	1 x HDMI	1 x DisplayPort
USB	With optional touchscreen (version T, OBT)	

Power Supply

External Power Adaptor	12 V DC external (ext. 60 W desktop adapter or LCD power adapter)

Environmental Conditions

Operating	Temperature +10 °C ... +40 °C Humidity 10 % ... 85 %, non condensing
Storage	Temperature -20 °C ... +60 °C Humidity 10 % ... 85 %, non condensing

Potential Equalization

Equipotential bonding bolt according to DIN 42801

Housing

Material	Metal, powder coated
Color	Housing RAL 9003 (white, matted) Glasprint RAL 9003
Protection Class	Front IP65, rear IP54
Dimensions	21,5" 543 x 348 x 60 mm (W x H x D) 24" 595 x 379 x 60 mm (W x H x D) 27" 677 x 431 x 60 mm (W x H x D)
Weight	21,5" approx. 8 kg 24" approx. 10 kg 27" approx. 12 kg
Mounting	VESA 100

Conformity

CE, EN 60601-1, EN 60601-1-2

Options

60 W desktop adapter

LCD power adapter

Optical bonding (version OB)

PCAP (projected capacitive) touchscreen (version T)

Optical bonding + PCAP touchscreen (version OBT)

DICOM (version D)

Optional accessories (not included)

Stand

USB (on version T or OBT)   Power supply 12 V DC

VGA   DVI   HDMI

Stand with VESA 100 mounting

Optional PCAP (projected capacitive) touchscreen

Optional optical bonding for better contrast at stray light

VESA 100 mounting

Slim and robust metal housing

Full-width glass front for protection class IP65

Capacitive keys, integrated in the glass front

Protection class IP54 on the rear   Potential equalization bolt

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Management System
EN ISO 13485:2012