

DATA MODUL

Medical & Healthcare

Reliable appliances for sensitive areas



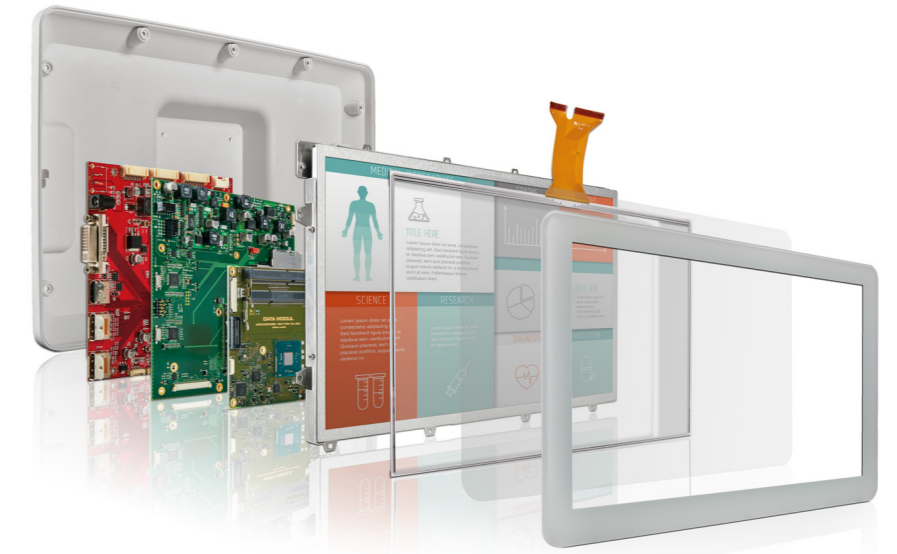
Passion Displayed



The right product for your application

Medical solutions by DATA MODUL

Perfect functionality meets safe and hygienic operation: we manufacture individual system solutions for medical standards that not only meet the highest current quality standards, but are also perfectly tailored to your needs. Convince yourself of our medical solutions!



Exactly tailored to your needs

Customising options for your unique product

For applications in the field of medical and health technology, systems of the highest reliability, quality and performance are required. In our modular product concept, we combine all of our company's technology areas into one system. Thanks to modern display technologies, the latest embedded boards and controllers, innovative touch extensions and a wide range of housing variants, we offer you customised solutions from a single source that are perfectly tailored to your needs. On request, we can equip your individual display solution with additional features such as RFID, lighting concept for optical signalling, loudspeaker and ambient light sensor.

We understand your requirements

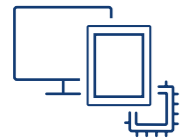
Addressing the key challenges

High resolutions, sharp contrasts, uncompromising cleanliness and maximum operating safety: the quality standards for products used in hygienically sensitive areas are high and require comprehensive expertise in technologies, materials and current medical standards. Thanks to perfectly coordinated hardware and software components, we meet these challenges with confidence and also find the right solution for your medical application!



Fulfilling your needs is our top priority

Your advantages at a glance



Materials

- ▶ ISO-certified components
- ▶ Reinforced cover glass with various surface treatments
- ▶ Inhouse gap fillig process
- ▶ Anti-microbial surface treatment



Cleaning

- ▶ Glass surfaces with good chemical resistance
- ▶ Surface treatments such as anti-glare or fingerprint protection
- ▶ High-quality IP protection for high hygienic requirements



Operation

- ▶ PCAP sensors and tuning for operation with gloves
- ▶ Gesture control for touchless input
- ▶ Voice control to interact without touching
- ▶ Optical encodersment



Technologies

- ▶ Latest embedded technology on ARM or X86 architecture
- ▶ Camera-based facial recognition systems with state-of-the-art AI
- ▶ Force technology for verification of touch events



Possible applications

- ▶ MRI
- ▶ CT
- ▶ X-Ray
- ▶ Ultrasound
- ▶ Endoscopy
- ▶ Patient Monitoring
- ▶ Eye Laser
- ▶ Heart Lung Machines
- ▶ Defibrillator
- ▶ Dental
- ▶ Glucose Monitoring
- ▶ Audiometry & Diagnostic
- ▶ and many more

We are certified according to DIN EN ISO 13485/2016 and thus proven to comply with the requirements for your medical products.

For more information, contact your DATA MODUL sales partner or visit our website: www.data-modul.com/en/sectors-markets



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All good things come in threes:

With **Hardware**, **Software** and **Services**, we realise unique display solutions that turn your ideas into reality.

www.data-modul.com

