



SILENIO®

MEDICAL ALL-IN-ONE-PC
MEDICAL MONITOR
HYGIENIC, SAFE, POWERFUL

SILENIO



The SILENIO provides more safety because it ...

- ...is a class 1 medical device and can be used near patients
- ...meets the requirements for safety and electromagnetic compatibility according to IEC 60601-1 and IEC 60601-1-2
- ...has 5kV protected interfaces
- ...is completely fanless, which effectively prevents the exchange and whirling up of dust and microbes
- ...can be cleaned easily and hygienically safe
- ...uses high-quality industrial components for maximum reliability and durability.

Medical computers and monitors

During the development of SILENIO, the focus was on the everyday life of hospitals and doctors' surgeries: The result is hygienic and powerful computers and monitors that are extensively equipped and versatile. The SILENIO is closed all around and is operated by means of 10-finger operation (projected capacitive touch). The result: A flat surface that can be easily cleaned and disinfected.

Hygienic and efficient

The IP65-protected front is insensitive to commercially available cleaning agents and disinfectant. The closed plastic/metal housing prevents air exchange with the environment and thus reduces the risk of microbes being deposited and stirred up. The surfaces of the enclosures are treated with antimicrobial metal ions, making the appliances even more hygienic and safe.

SILENIO D

- Screen diagonals from 21.5" to 55"
- Resolution Full HD 1920 x 1080 or Ultra-HD 3860 x 2160
- High colour space up to 100% sRGB
- High-brightness models available
- Very wide angle of view
- DICOM compatible and colour presets
- Auto-luminance system (ALS)
- Optional touch
- Quad split possible (UHD models only)

SILENIO C

- 21.5" and 24" screen diagonals
- External power supply unit
- Intel Skylake i5 CPU (6th gen.)
- 1x RS232, 1x RS232/422/485 2xUSB, 2x GB LAN each 5kV decoupled
- WLAN/Bluetooth
- RFID/NFC reader (ISO14443-A)
- 2MP WebCAM
- Reading light
- Audio in/out, 2 speakers
- High-quality, high-contrast, 21.5" or 23.8" Full HD LCD panel
- Optional touch



Figure: SILENIO 24" All-In-One PC, design may vary depending on model

Hygienic design

The SILENIO monitors have a high-quality housing to ensure quality and stability. The plastic housing of the All-In-One PCs features impressive design and efficiency.

Thanks to VESA 100, the SILENIO units can be mounted on the monitor arm or placed on the table with an optional stand. The SILENIO also has a rear hygienic cover for the interfaces with cable grommets.

Who are we?

At Rein Medical, we drive innovation. Our German company with a team of almost 100 employees has been involved in medical IT for more than two decades. Nowadays, we're a system service provider that implements customised IT solutions from planning to handover from a single source. We also accelerate the digital transformation in practices, clinics and other medical facilities. We develop and produce individual all-in-one computer solutions, high-resolution displays, customised IT wall modules for operating rooms as well as video/audio and image management systems. Rein Medical has been part of the JVC Kenwood Corporation since March 2018 and is a globally active company.

Future „Made in Germany“

We stand for quality and set a hygienic benchmark with our certified IT. From the design, development and production of our hardware to the programming of our software, we realise our IT solutions at the Mönchengladbach site. With our worldwide partnerships, we offer innovative holistic solutions for an optimised workflow, ensuring smooth and reliable processes in the operating room.

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