

Sealys German Healthcare reader

||||| Flexibility and ease of use: all in one secure terminal



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gemalto^{*}
security to be free

Sealys German Healthcare reader

Expertise and convenience dedicated to healthcare professionals for today and tomorrow

Gemalto and the German Healthcare system

Gemalto has been a long term partner to health insurance companies in Germany since the first generation of health cards back in the mid 90s'. Today the sensitive data of more than 30 million patients is protected with personalized Gemalto smart cards. Thousands of healthcare professionals use our terminals on a daily basis, and appreciate their convenience, quality and security

Answering the new evolution of the German healthcare system (Telematik Healthcare infrastructure), Gemalto has been recently awarded to supply and personalize **35 Million new e-Health Cards (eGK)** for German Citizens. In conjunction, Gemalto offers a tailored terminal for healthcare professionals to fulfill today's patient needs as well as tomorrow's requirements.

Sealys German healthcare reader

This terminal has been presented in Germany to the Gematik certification authority in November 2007 and will become one of the key elements of the new German healthcare infrastructure deployment in 2008. The Sealys German Healthcare reader features enhanced security and EAL3+ certification. It can be connected for on-line services via Ethernet and offers USB options like biometric identification and contactless operation.

Evolution-ready

Today, the Sealys German Healthcare Reader is immediately operational with the current system. Simply plug in a USB key and it will migrate to fulfill all the new features of the healthcare on-line infrastructure when they are ready.



Sealys German healthcare reader:

- > **Convenient:**
 - Ethernet and USB connections
 - Biometric and contactless options
 - Large pinpad and graphical display
 - Environmental waste and lead free
- > **Adaptable:**
 - Support current healthcare KVK and future eGK smart cards.
 - Compliant with Gematik specifications
- > **Secure:**
 - EAL3+
 - Compliant with German Signature Law and BSI security protection profile specifications

In **"eHealth BCS" mode**, the terminal supporting the Basic Command Set is connected with the doctor's PC instantly through USB or Serial (RS232) connection and can read actual KVK and future eGK cards.

In **"eHealth" mode**, the terminal, which complies with the SCITT specification, can be connected via Ethernet for on-line services.

Optionally, healthcare professional biometric identification and contactless smart cards services for comfort signature can be added through USB connections.

Technical specifications - Model: GCR5500-D

External power supply

- +5 VDC +/- 10%

Host Interface

- LAN Ethernet (TCP/IP 10/100)
- One USB Slave for eHealth BCS mode
- Two USB Master for Options

Smart card Interface

- vertical ID-1 slot for patient card
- lateral ID-1 slot for professional card
- 2 slots for SMC (ID-000 card)
- 1 slot for SM-KT (ID-000 card)

Human Interface

- Graphical display backlit
- Key pad with 10 keys
- 4 function keys
- 3 navigation keys

Security Features

- Tamper evident casing
- Secure download functions

Approvals

- EAL3+ (BSI-PP-0032 on going)
- Gematik
- CE

Environmental

- compliant with 2002/95/EC (ROHS)
- compliant with 2002/96/EC (WEEE)

Dimensions (mm) & Weight (g)

- H180 x L114 x h75
- 535g

Package Content

- GCR5500-D terminal
- Power supply
- USB cable for eHealth BCS mode
- Option in the package
 - Serial cable for eHealth BCS mode

Warranty

- 2 years

Model & Ordering P/N

- Model: GCR5500-D
- P/N: HWP116542A