

ABSTRACT

Disclosed is a subscriber identity module, an intelligent terminal, and a method for using the subscriber identity module. According to the embodiments of the present disclosure, a first subprogram is run on the subscriber identity module, a second subprogram is run on the intelligent terminal, a communication interface between the subscriber identity module and the intelligent terminal is a 7816 interface or an SPI+ interface, and the 7816 interface is multiplexed with the SPI+ interface, a protocol supports negotiation between the 7816 interface and the SPI+ interface, where a communication rate of the SPI+ interface is higher than a communication rate of the 7816 interface, and the 7816 interface is compatible with existing subscriber identity modules; and the subscriber identity module and the first subprogram run thereon are responsible for security functions such as secure boot, encryption, decryption, and authentication, and the intelligent terminal and the second subprogram run thereon are responsible for performing non-sensitive information processing and human-computer interaction function, and extending processing capability of the subscriber identity module.

<FIG. 3>