Latest

microchip

Technology

smart reader

high security

confidential

fast & efficient

countless reads

complex function

easy to use

OnGroup Keymax 5511

State-of-the-art Smart card reader & USB keyboard

Ongroup's Keymax 5511 combines the efficiencies of a smart card reader and a PC keyboard into one, enabling easy implementation of smart card-based solutions. Its smart card readers activate the latest microchip technology bringing our clients high security in a convenient way.

Keymax 5511 supports ISO 7816 Class A, B and C smart cards. Also, it works with different memory cards and microprocessor cards, it features a USB Full Speed interface and a smart cards read/write speed of 344 Kbps. This highly durable device lasts for a minimum of 100,000 card insertion cycles.

Keymax 5511 is easy to install, use, and integrate in a PC environment. It is PC/SC and CCID compliant, and its drivers are compatible with Windows®, Linux®, and Mac operating systems. It can also be used on mobile devices running the Android™ platform with versions 3.1 and above.

Ideal for use in e-Banking, e-Payment, and e-Government, the Keymax 5511 smart keynoard is the smart choice.

Features & Benefits

@ smart card readers utilize the latest microchip technology for security and confidentiality

@ The efficient Keymax 5511 lasts for a miminum of 100,000 card insertion cycles
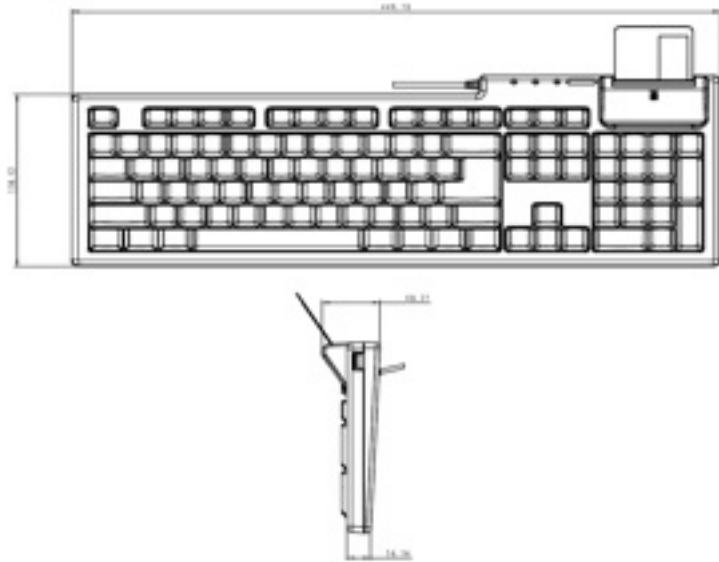
@ Supports !SO 7816 Class A, B and C smart cards and a range of different memory and microprocessor cards

@ Includes USB 2.0 Full Speed Interface and supports an external USB port also

@ Plug and Play – CCID support brings utmost mobility

@ Supports Android™ 3.1 and above on mobile devices

@ Easy to install, operate and integrate in the workplace

Specifications for Keymax 5511

Universal Serial Bus Interface
Type .... USB Full Speed, four lines: +5 V, GND, D+ and DPower
Source... From USB
Speed .... 480 Mbps
Smart Card Interface
Standard .... ISO 7816 Class A, B and C (5 V, 3 V, 1.8 V), T=0 and T=1
Supply Current .... Max. 50 mA
Smart Card Read/Write Speed .... Max. 344,086 bps
Short Circuit Protection .... +5 V/GND on all pins
CLK Frequency .... 4 MHz
Card Connector .... Contact (optional with landing)
Card Insertion Cycles .... Min. 100,000
Physical Specifications
Dimensions .... 449.70 mm (L) x 138.52 mm (W) x 40.27 mm (H)
Number of Keys 104
Color .... Black
Weight .... 540 g
Built-in Peripherals
LED .... 1 LED, Green (smart card)
....3 LED, Green (keyboard)
External USB port 1
Operating Conditions
Temperature ....0 °C – 50 °C
Humidity .... 10% – 90%
MTBF .... 300,000 hrs
Application Programming Interface
PC/SC
CT-API (through wrapper on top of PC/SC)
Certifications/Compliance
EN60950/IEC 60950, ISO 7816, CE, FCC, VCCI, PC/SC, CCID, EMV™ Contact Level 1, RoHS, REACH,
USB Full Speed
Microsoft® WHQL for Windows® 2000, Windows® XP, Windows Vista®, Windows® 7, Windows® 8,
Windows® 8.1, Windows® Server 2003, Windows® Server 2008, Windows® Server 2008 R2,
Windows® Server 2012, Windows® Server 2012 R2
Device Driver Operating System Support
Windows® CE, Windows® 98, Windows® ME, Windows® 2000, Windows® XP, Windows Vista®, Windows® 7,
Windows® 8, Windows® 8.1, Windows® Server 2003, Windows® Server 2003 R2, Windows® Server 2008,
Windows® Server 2008 R2, Windows® Server 2012, Windows® Server 2012 R2
Linux®, Mac OS®, Android™ 3.1 and above
Smart card reader
Support ISO 7816 Class A, B and C (5 V, 3 V, 1.8 V) cards
Supports microprocessor cards with T=0 or T=1 protocols
Supports memory cards
Supports PPS (Protocol and Parameters Selection) & features Short Circuit Protection