Advanced Performance Line

**Keyboard with integrated fingerprint sensor,
USB hub and PC/SC smart card reader
For logon and identification without a password**

NTK technology

FingerTIP ID Board G83-14000/14100

G 83-14000

G 83-14100

FCC Part 15
Subpart B
Class B

Other approvals available on request.

Microsoft is a registered trademark of
Microsoft Corporation.

General

These keyboards are equipped with an integrated fingerprint sensor as well as with an optional smart card reader. Connection to the PC is via an USB cable. In addition there are 2 downstream ports for the connection of additional equipment.

Fingerprint Sensor

Principle of operation:
capacitive

Resolution:
513 dpi, 224 x 288 pixel

Power supply:
5 V

Interface:
USB 1.1 compatible

Smart card terminal

– 1 smart card terminal compliant with PC/SC 1.0, Cardman 2020 compatible
– Contact positioning in accordance with ISO 7816/2
– Electrical characteristics in accordance with ISO 7816/3 GSM 11.11
– Transfer to the PC via USB interface
– Microsoft WHQL approved

Smart card interface
Asynchronous protocols T=0, T=1, T= 14, SLE 4418, SLE 4428, SLE 4432, SLE 4442

USB

– Compound Device
– Bus-powered hub with integrated functions:
  – Keyboard
  – Fingerprint sensor module → Siemens
  – Smart card reader→ Omnikey CardMan 2020
  – 2 downstream ports
– One USB 1.1 cable

Software

– Compatible Siemens ID Mouse software for logon and file protection.
– Further software (server and smart card applications) on request. Information under www.fingertip.de
– There is a software development kit (ID device SDK) for integration of the FingerTIP ID board into user applications available.

Network logon

Keyboard

Temperature range:
Storage temperature:
-20 ° C to +60 ° C
Operating temperature:
0 ° C to +50 ° C

Dimensions:
14000 series:
(L x W x H) 458 x 195 x 54mm
14100 series:
(L x W x H) 458 x 195 x 44mm

Stock codes

G83-14100 LPA..[1] – FingerTIP sensor
– Logon software

G83-14000 LPA..[1] – FingerTIP sensor
– PC/SC smart card reader
– Logon software with fingerprint
– Further software on request

Various colors grey: -0
black: -2

Stock code example:
G83-14000 LPADE-2 means FP-TT with smart card reader, German, black

[1] International layouts

BE	=	Belgian
CH	=	Swiss
DE	=	German
DK	=	Danish
ES	=	Spanish
FR	=	French
GB	=	English (UK)
EU	=	English (US) with €
SL	=	SI/HR/YU/BiH
IT	=	Italian
NO	=	Norwegian
SF	=	Swedish/Finnish
US	=	English (US)

Other versions available on request.