Advanced Performance Line

Fingerprint keyboards with integrated optical fingerprint sensor and optional smart card reader for quick, easy and secure logon

FTSC technology

Personal ID Keyboard G81-12000/12100

G 81-12000

G 81-12100

General

These keyboards are equipped with an integrated fingerprint sensor as well as with an optional smart card reader. The smart card offers additional safety functions.

Smart card terminal

– 1 smart card terminal compliant with PC/SC
– Push-pull card reader with spring-loaded contacts
– MTBF 200,000 read cycles
– Electrical characteristics in accordance with ISO 7816/3 GSM 11.11
– Contact positioning in accordance with ISO 7816/2

Asynchronous protocols T=0, T=1 With GemPC410 also S=8, S=9 and S=10

Fingerprint sensor

– Principle of operation: optical
– Resolution: 250 dpi
– Operating voltage: 5 V ± 5%
– Interface : Parallel port, in EPP mode

Interfaces to the PC

The keyboard cable is equipped with max. 3 connectors
– Keyboard: PS/2 connector
– Smart card reader: 9-pin sub-D for RS 232
– Fingerprint reader: 25-pin sub-D for parallel port
– Additional connector for printer (pass through)

Power Supply

The keyboard, including the integrated equipment, typ. has a current requirement of 180mA. It is supplied through the PS/2 interface. For PCs with a PS/2 port that cannot provide this amount of power, a Cherry Power Pack (see Accessories) can be supplied.

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

Dimensions:
12000 series:
(L x W x H) 470 x 220 x 62 mm
12100 series:
(L x W x H) 470 x 220 x 62 mm

Software

BioCard or *BioLogon* for operating system logon

identix

Software updates can be found in the internet at: http://www.identix.com

Driver updates can be downloaded from our homepage at: http://support.cherry.de

Network logon

(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.

Stock codes

G 81-12100 LXD..(1)	Standard without smart card reader + pass through	Bio Logon
G 81-12100 LVD..(1)	Standard without smart card reader	Bio Logon
G 81-12000 LWC..(1)	Standard smart card reader and pass through	Bio Card + smart card
G 81-12000 LTC..(1)	Standard smart card reader	Bio Card + smart card
G 81-12016 LWB..(1)	Smart card reader Gemplus Gem PC 410 and pass through	Bio Card + smart card