Advanced Performance Line

Smart card reader keyboard (USB) from the 6700 series
Compatible with CardMan 2020

NTK technology

SmartBoard G83-6702

Inclusive:
• **GSM software**
• **Cash card value checker**

Key benefits

– Space-efficient compact keyboard
– Membrane contact switches with rubber-mat technology for individual use
– Reliability:
  MCBF = 1 x 10^9 operations;
  MTBF >80,000 hours
– Individual keys have long service life: >20 million operations
– Laser-engraved keycap symbols are wear-resistant and easy to clean
– Simple installation

Applications

The keyboard is especially suitable for access checks, logging on to networks and smart card based internet transactions. Please ensure that your application software supports Cherry's G83-6702 keyboard (CardMan 2020) or will allow you to load the relevant driver. On the accompanying Cherry CD you will find additional software including GSM cards – editing and Value Checker for cash cards.

Technical specifications

Keyboard

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

Dimensions:
(L x W x H mm)
458 x 195 x 54 mm

Weight:
 approx. 1,500 g

Power supply:
+5 V/DC ± 5%

Current input:
typ. 100 mA

Connecting cable:
approx. USB 1.85 m long with USB connector

Smart card terminal

– 1 smart card terminal compatible with CardMan 2020
– 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
– MTBF 100,000 read cycles

Protocols

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

Cash card Value Checker

Accessories

– GSM Adapter
– CD

The latest drivers can also be downloaded from our homepage at http://support.cherry.de

Stock codes

G83-6702 LPA..[1]

USB cable, hub with 2 downstream ports

[1] **International layouts**

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

Other versions available on request.