

# CHIPDRIVE™ extern USB

CHIPDRIVE™ micro

CHIPDRIVE™ intern

CHIPDRIVE™ twin

CHIPDRIVE™ keyboard

CHIPDRIVE™ mobile



## USB

### Overview

This rugged desktop terminal has become famous for its remarkable ergonomic design. The 45° card insertion angle and heavy steel base significantly improve convenience and stability. A three color light displays status information.

- USB V1.1 full speed, Plug'n'Play
- supports all major smart card protocols: T=0, T=1, 2-wire, 3-wire, I<sup>2</sup>C and over 40 memory cards
- top quality: superior design and the best workmanship ensure a long operating life
- fully ISO 7816 compliant
- comprehensive driver support including PC/SC

# CHIPDRIVE™ extern USB

Interface	USB (V1.1 full speed)
Display	three color status LED. red / yellow / green
Dimensions	70 x 100 x 70 mm (LWH)
Body color	RAL 7024 (dark grey) RAL 1028 (orange - yellow)
Connection cable	120 cm, 9 pol. SUB-D, black
Weight	660 grams
EMI compatibility	CE 89/336
Temperature range	-10 to +50 °C
Card interface life	200.000 mating cycles
Contact material	gold plated brass
Standards	ISO 7816-3, GSM 11.11
Card frequency	3,57 MHz
Card current supply	0 to 35 mA
Protocols	T=0, T=1, 2-Wire, 3-Wire, I2C, over 40 memory card types
Interface speed	T=0: 4800 .. 38400 Baud (PTS) T=1: 4800 .. 115200 Baud (PTS) Sync. protocols: 4800 .. 115200 Baud
CPU type	4 MHz Microchip controller
System compatibility	Windows® 98 Second Edition Windows® Me Windows® 2000
API standards	PC/SC (Microsoft) NETS (Singapore), OCF (OpenCard Framework), CT-API V1.1 - MKT/BCS - partial B1 command set - EUTELIS compatible SCARD interface ORGA emulation (T=1)
Application software	Towitoko can also provide a wide range of smart card application software, such as SIM Manager, Smart Card Explorer, Password Card, Time Recording and many others.
OEM-packaging	cardboard box 110 x 102 x 75 mm
Shipping contents	CHIPDRIVE extern USB, installation guide sheet
Shipping units	20 pcs. per cardboard box, 50 boxes per palette (1000)



USB Port