



Kestronics Ltd.

Developing innovative solutions

sales@kestronics.co.uk

- **Batteries for all kinds of Handheld Terminals, Printers and Barcode Readers**
- **Money Handling / Counterfeit Detectors**
- **Magnetic Card Readers / Writers**
- **Smart Card Readers / Writers**
- **Portable Swipe Card Readers**
- **Thermal Printheads**
- **Barcode Scanners / Readers**
- **OEM Barcode Modules**
- **Signature Pads**
- **Handheld Terminals / PDA**
- **Chip and Pin Terminals**
- **Mifare and RFID Readers / Writers**
- **POS Printers and Consumables**
- **Portable Printers and Consumables**
- **Label Printers and Consumables**
- **Kiosk Printers and Consumables**
- **Loyalty Card Printer and Consumables**
- **Plastic Card Printer and Consumables**
- **Industrial Keyboards / Trackball**
- **Visitor Management System**



Tel: +44 (0) 1727 812222
Fax: +44 (0) 1727 811920

Url: www.kestronics.co.uk
Buy Online: www.kestronics.com

Kestronics Ltd.
Unit 26 North Orbital Commercial Park
Napsbury Lane
St Albans
AL1 1XB
United Kingdom

CHIPDRIVE® extern

CHIPDRIVE® intern

CHIPDRIVE® micro

CHIPDRIVE® twin

CHIPDRIVE® keyboard

CHIPDRIVE® mobile



Short description

This rugged desktop terminal has become famous for its remarkable design. The ergonomically cardinsertion angle of 45° and the heavy and stable steelbase (the total mass is more than 600 grams) significantly improve the handling convenience. A three color light displays status information.

- all important smartcard protocols are supported: T=0, T=1, 2-wire, 3-wire, I²C (up to 256 kBit), and special security memorycards
- top quality: superior design and best workmanship ensure a long operating life
- future built in: new smartcard protocols can be upgraded by software update

Designed for



Microsoft®
Windows®2000
Professional
Windows® 98



CHIPDRIVE® extern

Interface	PC, serial connection RS232, V.24
Power supply	from serial port, buffered by maintenance free NiMH battery
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
Mass	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 ff., EMV3.0, GSM11.1, PC/SC-Logo
Card frequency	3,57 MHz
Card current supply	0 to 55 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® 3.11, Windows® 95, Windows NT® Windows® 2000
API standards	PC/SC NETS (Singapore), OCF (OpenCard Framework), CT-API V1.1 - MKT/BCS - partial B1 command set - EUTELIS compatible SCARD interface ORGA emulation (T=1)
Special features	Plug & Play compatible; integrated mouse passthru; environment friendly NiMH rechargeable battery for card current supply
Application software (optional)	SIM-Surf® ValueCard Station (GeldKarte), SmartCard Explorer, PC-Security with NT-Login Timekeeping InternetCard (Internet ID)
OEM-packaging	cardboard box 110 x 102 x 75 mm
Shipping contents	CHIPDRIVE extern, connection cable as shown, installation guide sheet
Shipping units	20 pcs. per cardboard box, 50 boxes per palette (1000)

