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IDBridge CT40 - USB Smart Card Reader SL

Brand: Gemalto
Product Code: SMAG1000959
Weight: 0.15kg
Dimensions: 0.00cm x 0.00cm x 0.00cm

Price: €19.25

Ex Tax: €19.25

Short Description

USB Smart Card Reader SL

Description

- PC Connection port

	USB	Serial	PCMCIA/Express
PC Twin Serial		X	
IDBridge CT30	X		
IDBridge CT40	**X**		
IDBridge CT700	X		
IDBridge CT500			X
IDBridge CT510			X

- Plug and Play

- **USB** 2.0 full speed (12 Mbps)

- **Serial** RS232 programmable transmission

from 9,600 to 115,200 bps

- **PCMCIA**
  PC Card type II, programmable transmission
  from 9,600 to 115,200 bps
  ExpressCard/54, USB 2.0 full speed (12
  Mbps)

Smart Card Interface	PC Core hardware and firmware architecture • Supports ISO 7816 Class A, B and C cards (5 V, 3 V, 1.8 V) • Supports up to TA1=17 (826 Kbps with a 4.8Mhz reader clock) for CT30 • Supports up to TA1=97 (500 Kbps with a 4Mhz reader clock) for CT510 and CT700 • Supports up to TA1=96 (340 Kbps with a 4Mhz reader clock) for other readers • Reads from and writes to all ISO 7816-1,2,3,4 microprocessor cards, T=0 and T=1 protocols • Supports memory cards using "Synchronous Card API" • Short circuit detection
Smart Card Connector	• 8 friction contacts - ISO location • 100,000 insertion cycles • EMV Level 1 mechanically compliant • Embossed smart cards supported

Human interface	• LED one color (green), dual state (blinking: waiting card insertion; ON: card reading / writing)
	 • CT700 (pinpad):
	     ○ 2x16 alphanumeric display
	     ○ orange LED ON at Secure PIN Entry mode
	     ○ Tactile keypads with 16 (4x4) silicon rubber keys

Cable/Power	• USB reader

Supply	○ Cable 1,5 m long ○ USB 2.0 type A connector ○ Power supply thru USB port ○ Maximum operating current: 100mA ○ Operating voltage [4.7 – 5.3V]

	• Serial reader
	    ○ Cable 1,5 m long
	    ○ Serial DB9 connector
	    ○ Power supply thru PS/2 port
	    ○ Operating voltage 5 V +/- 10%

	• PCMCIA CT500 reader
	    ○ Maximum operating current: 25mA
	    ○ Power supply thru PC Card port
	    ○ Operating voltage 5 V +/- 10%

	• PC Express CT510 reader
	    ○ Power Consumption Suspend mode: 1mA
	    ○ Typical operating: 55mA
	    ○ Maximum operating: 200mA
	    ○ Power supply thru ExpressCard port
	    ○ Rating 3.3V 1A primary supply voltage

Standards / Certifications	• ISO/IEC 7816-1,2,3,4: IC Cards with contacts • EMV Terminal Level 1 version 4.1 • Mondex ChipSafe Plus Purse 2 (CT30) • Microsoft Windows Hardware Quality Labs (WHQL), Windows Logo Program WLP 2.0 • USB 2.0 Full speed certified (USB readers listed on usb.org website) • CCID - Chip Card Interface Device 1.1 (USB & ExpressCard readers)
API	• Microsoft PC/SC environment with associated drivers • CT-API • Synchronous Card API for support of memory cards
Operating Systems	• Up to Windows 8 • Win CE 4.1, 4.2, 5.0, 6.0 (USB readers)

- Linux Kernel 2.6 and higher
- Mac OS X Panther, Tiger, Leopard 32 editions (USB readers)
- Support for Solaris, XP embedded (USB readers)

PC/SC drivers can be downloaded from support.gemalto.com.

Environmental	
	- CE, FCC part 15 Class B
	- VCCI, c-Tick, BSMI
	- EN 60950 / UL 950 / CSA 950
	- Operating: +0°C / +55°C
	- Storage: -20°C / +65°C
	- ROHS and REACH compliant , WEEE marking

Warranty
- 24 months
- 100,000 smart card insertions

OEM   Reader and packaging personalization available
             Customized stickers, logo and colors upon request

Weight and size

	Weight (grams)	Dimensions (LWH mm)
IDBridge CT30	61	93 x 63 x 13
PC Twin Serial	95	93 x 63 x 13
IDBridge CT40	**76**	**105 x 70 x 12**
IDBridge CT700	292	121 x 79 x 49
IDBridge CT500	29	85 x 54 x 5
IDBridge CT510	23	75 x 54 x 5

Stand accessory

Casing   Polycarbonate, crystal transparent color
                2 removable adhesive tape to stick it on a desktop
Dimension   75 (L) x 81 (W) x 85 (H)
Packaging   Cubic brown carton box 90(L) x 90 (W) x 92 (H)
                Installation and user notices printed on the box
                Weight: 100grs for the standard version, 490grs for the
                weighted version
Kit content   1 plastic stand

| | 2 removable adhesive tapes |
| Environment | Storage: -20°C / +60°C |

3"1/2 Floppy Bay Pack

Connection	Internally, on a USB 5 pin header connectors of the PC motherboard
	Externally, re-using the Serial or USB cables delivered with the PC Twin reader
Casing	Material: ABS
	Color: beige Pantone Cool Gray 3C or PMS black C
	4 screws for securing inside the PC case
Dimension	3"1/2 drive bay
	102 (L) x 136 (W) x 25 (H)
Packaging	Brown carton box 205 (L) x 145 (W) x 38 (H)
	Weight: 200 gr
Kit content	Floppy Bay plastic case 3.5"
	Light guide adapter
	Cable for connector adaptation
	screw kit for assembly
	A4 paper installation guide
Environment	Storage: -20°C / +60°C

5"1/4 Floppy Bay Pack

Connection	Internally, on a USB 5 pin header connectors of the PC motherboard
	Externally, re-using the Serial or USB cables delivered with the PC Twin reader
Casing	Material: ABS
	Color: PMS black C
	4 screws for securing inside the PC case
Dimension	5"1/4 drive bay
	149 (L) x 85 (W) x 43 (H)
Packaging	Brown carton box 188 (L) x 158 (W) x 56 (H)
	Weight: 200 gr
Kit content	Floppy Bay plastic case 5.25"
	Light guide adapter
	Cable for connector adaptation
	Screw kit for assembly
	A4 paper installation guide
Environment	Storage: -20°C / +60°C

USB Cable accessory

Connection	USB USB full speed (12 Mbps)
	Hubless
	USB type A connector

	Operating voltage [4.4 --> 5.5V]
Color	Pantone cool grey 6C
Length	Cable 1,5 meter long
Packaging	Blister box 130 (L) x 201 (W) x 35 (H)
	Weight: 100 gr
Kit content	USB cable
Environment	Storage: -20°C / +60°C
Standards	Fully compatible with Microsoft PC99 specification for plugs colors

Serial Cable accessory

Connection	Serial RS232
	Serial DB9 connector
	Power supply thru PS/2 port
	Operating voltage 5V +/- 10%
Color	Pantone cool grey 6C
Length	Cable 1,5 meter long
Packaging	Blister box 130 (L) x 201 (W) x 35 (H)
	Weight: 140 gr
Kit content	Serial RS232 cable
Environment	Storage: -20°C / +60°C
Standards	Fully compatible with Microsoft PC99 specification for plugs colors

--> Drivers and tools