

# Z-PC-LINE

**S117P**

USB ↔ TTL-RS232 Serial Converter  
(Programming kit for T120, T121, K121 and K120RTD)

**Z-PC LINE**

Serial Converters

**CE**

- ▶ **FUNCTION:** Interface converter USB ↔ TTL-RS232
- ▶ Speed selectable from 300 bps to 250 Kbps
- ▶ Compatible with standard USB 1.0, 1.1 and 2.0
- ▶ Drivers available for Windows 98, 2000, XP, Vista, CE, Mac
- ▶ Programming software for T120, T121, K121 and K120RTD
- ▶ Galvanic isolation @ 1,5 KVac
- ▶ Power via USB
- ▶ Interface connectors: mini USB (cable included), DB9-M (RS232), TTL (cable included)

## TECHNICAL DATA

### S117P – USB ↔ TTL-RS232 Serial Converter (Programming kit for T120, T121, K121 and K120RTD)



#### ORDER CODES

<b>S117P</b>	- USB ↔ TTL-RS232 Serial Converter - USB cable - TTL cable - CD with drivers and EASY LP (programming software for T120, T121, K121 and K120RTD)
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#### GENERAL FEATURES

<b>Power supply</b>	By the PC (USB port)
<b>Status indicators</b>	- Power - Data receiving on RS485 port - Data transmission on RS485 port
<b>Speed</b>	300...250.000 bps
<b>Configuration</b>	By drivers (included).
<b>Other functions</b>	X or Y side terminator, X->Y or Y->X communication direction inhibition
<b>Galvanic Isolation</b>	1500Vac
<b>Power consumption</b>	50 mA
<b>Humidity</b>	10..90% a +40°C (not condensing)

<b>Design</b>	Portable (table version)
<b>Connection</b>	- USB: mini USB B (cable included) - RS232: DB9-M - TTL: RJ-10
<b>Dimensions</b>	50 x 90 x 25 mm (w x h x d)
<b>Weight</b>	55 g
<b>Operating temperature</b>	-20...+65 °C
<b>IP Protection</b>	IP 20
<b>Standards</b>	EN61000-6 EN6100-6 EN61010-1
<b>Approvals</b>	CE

#### USB PORT

##### USB

- Mini USB B connector (cable included)
- Standard 1.0, 1.1 e 2.0
- ✓ Windows 98, 98SE, ME, 2000, Server2003, XP.
- ✓ Windows XP 64bit.
- ✓ Windows Vista.
- ✓ Windows XP embedded.
- ✓ Windows CE.net 4.2 & 5.0.
- ✓ Mac OS 8, 9, OS-X.
- ✓ Linux con Kernel 2.4.20

#### RS232-TTL PORT

##### RS232

DB9-M connector

##### TTL

RJ-10 connector (cable included)

## INSTALLATION

### T120, T121, K121 and K120RTD programming



### USB ↔ TTL-RS232 serial conversion

