

erco & gener

L'esprit modem >>



In an industrial environment, Bluetooth® is the technology of choice in the domain of Machine to Machine as a technological complement for long distance GSM/GPRS solutions as well as GPS localisation functions.

The GenBlue 10e may be connected directly to a GenLoc / GenPro modem (ERCO & GENER) or a Fastrack (WAVECOM) to obtain a displacement of the serial link by means of its Bluetooth® connectivity with any other system using this technology (PDA, PC, onboard equipment, ...).

The range of the GenBlue 10e is 100 meters in the open-field.

Simple and rapid installation by means of its integrated antenna and the possibility to be powered remotely via the RS232 connector.

The product is certified according to the Bluetooth® standards.

GenBlue 10e

- RS232 / BLUETOOTH®
CLASS 1
ADAPTER



TECHNICAL CHARACTERISTICS

GenBlue 10e

BLUETOOTH® FEATURES

- Range 100 meters in open-field (Class 1)
- Protocol: Bluetooth® 1.2
- Frequency: 2.4 GHz - 2.4385 GHz (ISM)
- Modulation: GFSK, 1 Mbps

INTERFACES

- Remote supply via Pin 13 on the RS232 connector when the GenBlue 10e is connected to a GenLoc 31e
- Integrated antenna
- RS232 via a male 15-pin Sub-D
(Speed: 4800 bps to 115.2 Kbps)
- Hardware flow control (RTS / CTS)

AVERAGE POWER CONSUMPTION

- 48 mA @ 9600 bps
- 80 mA during device scan

ENVIRONMENTAL & MECHANICAL

- Operating temperature :
 - Remote supply via RS232: - 15C to + 70°C
 - External supply (option): - 15C to + 55°C
- Storage temperature: - 25°C to + 70°C
- Case:
Length 66.5 mm x Width 37.5 mm x Depth 24.3 mm
- Weight: 26g

APPROVALS

- Certified Bluetooth®
- CE
- FCC

OPTIONS

- External supply input of 4Vdc to 13.7 Vdc (200 mA)
- Power supply cable for use with Fastrack
- Configuration cable

SUPPLY CONNECTION

With the GenLoc 31e and GenPro



With the Fastrack (consult us)

