

EZ 10-GPRS

Terminal

EZ 10-PCS WITH PYG OPTION

Terminal



Embedded
TCP/IP Stack



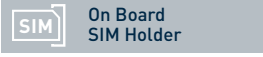
GPRS Class 10



Embedded FTP
and SMTP Client



PYTHON*
Script Interpreter



On Board
SIM Holder

The Telit EZ 10 terminal is the complete modem solution for wireless m2m applications.

Based on the GM862 core engine, it is available as GSM 900/1800 dual-band (EZ 10-GPRS) or as PCS GSM 900/1800/1900 tri-band version with integrated PYTHON script interpreter (EZ10-PCS with PYG option).

The EZ10-PCS with Python offers as an option the possibility to run customer programs inside the modem, thus making the terminal a complete self-contained hardware for individual customer solutions. Programmable I/O ports and the IIC-Bus can be used to detect external signals, connect sensors and to switch external devices.

The EZ 10 offers all relevant voice- and data services over the GSM/GPRS networks. As all Telit modules, the EZ 10 offers the Jamming Detection functionality which allows the unit to detect attempts to discontinue the GSM communication by interfering with the GSM signal.

Directly controlled by a standard serial RS-232 interface and offering a broad supply voltage range (9-24 V DC), the EZ 10 is a universal solution for all low-volume m2m and mobile data applications.

Product Features

- Dual-band 900 / 1800 MHz (EZ10-GPRS)
- 3-Band 900 / 1800 / 1900 MHz (EZ10-PCS with PYG Option)
- Output Power
 - Class 4 (2W) @ 850 / 900 MHz
 - Class 1 (1W) @ 1800 / 1900 MHz
- Control via AT commands according to GSM 07.05, 07.07 and proprietary Telit.
- Supply Voltage Range: 9-24 V DC
- Power Consumption (typical values)
 - power off: 26 uA
 - Idle (registered, power saving): < 8 mA
 - Dedicated mode (max): 350 mA
 - GPRS cl.10 (max): <700 mA
- Sensitivity:
 - 107 dBm (typ.) @ 850 / 900 MHz
 - 106 dBm (typ.) @ 1800 / 1900 MHz
- Dimensions: 107 x 64 x 33 mm
- Weight: 200 gr.
- Temp. range: -20° / +70° C

Making machines talk.

