

ECL-65T GSM / GPRS Java Terminal



ECL-65T has been developed for machine-to-machine (M2M), Smart Metering and telemetry solutions, communicating over cellular telecommunication network for reading, monitoring and controlling functions.

Can be used for many solutions with the help of integrated JavaTM Application Platform. Builds a transparent communication platform between field devices via serial ports and remote servers or applications over GSM/GPRS.

Physical Specifications

- Size : 58 x 1016 x 31 mm
- Weight : ~100 gram

Environmental Specifications

- -40 ... +70°C operating temperature

Power Input

- +8 ... +28 VDC max. 1 A
- 100 ... 240 VAC (With External Adapter)

Serial Interfaces

- 1 x RS-485 Interface
- 1 x RS-232 Interface
- 300bps - 460kbps communication speed
- 7E1, 7O1, 8N1, 8E1, 8O1 frame
- RS-232 Flow Control
- RS-485 Automatic Data Direction Control (ADDC)

JAVA Features

- JSR 139 CLDC 1.1
- J2ME IMP-NG
- JAVA OTAP

Wireless Features

- Quad Band GSM 850/900/1800/1900 Mhz
- 850/ 900 MHz - Class 4 (2 Watt)
- 1800/1900 MHz - Class 1 (1 Watt)
- GPRS Class 12
- FME Antenna Connector
- Easy use Push-n-Eject SIM Card Connector
- Fully compatible with all GSM operators

Other Inputs / Outputs

- 1 x 250 VAC 2A Relay Output (NC/NO/Shared)
- 2 x Digital Input
- 1 x Pt1000 Temperature Sensor (Optional)
- 1 x Digital Heat Sensor or Humidity Sensor (Optional)

Other Hardware Features

- ARM Microprocessor
- Real Time Clock (RTC)
- Built in Flash Memory
- Hardware Watchdog
- GSM/GRPS/EDGE LED Status Indicator