

Powerful, Reliable & Flexible Remote Wireless Networking



Features

- Highly-reliable M2M Serial Terminals.
- Out-of-the-box prototyping of wireless network from industrial RS-232 and RS-485 serial ports.
- Provide DIO 4IN/4OUT(Optional).
- 6 LEDs indicate Power, GSM link and all the data traffic mode.
- Easy-to use Plugene Software for terminal configuration.
- Sophisticated PlugMaster Software for integration of 3G network and original application systems.
- 4G wireless network gives the best coverage and mobility.
- "Always On" Wireless communication to give real time remote monitoring.
- Full product documentations.

Introduction

ACT POWER highly integrated ECN-T4 terminal provides the 4G data transparent communication for M2M application that operates in 900/1800/2100MHz tri-band 4G frequency. Along with ACT POWER Plugene Software, ECN-T4R supports easy configuration on the central IP/DNS and the parameters associated with local serial devices that a complete 4G M2M infrastructure can be quickly established. The compact and flexible terminals offer the quickest and easiest path to standard wireless IP networking, translating to shorter time-to-market in the deployment of your wireless enabled products.

Industry-Leading RS232/ RS485 Wireless Platform

The ECN-T4R provides the industry standard RS-232 and RS485 interfaces that enable customers to seamlessly and reliably route the serial data streams of up to 100Mbps to designated central IP address or DNS in data-transparent mode. The ECN-T4R terminal comes with iron housing to be better deployed under robust environments.

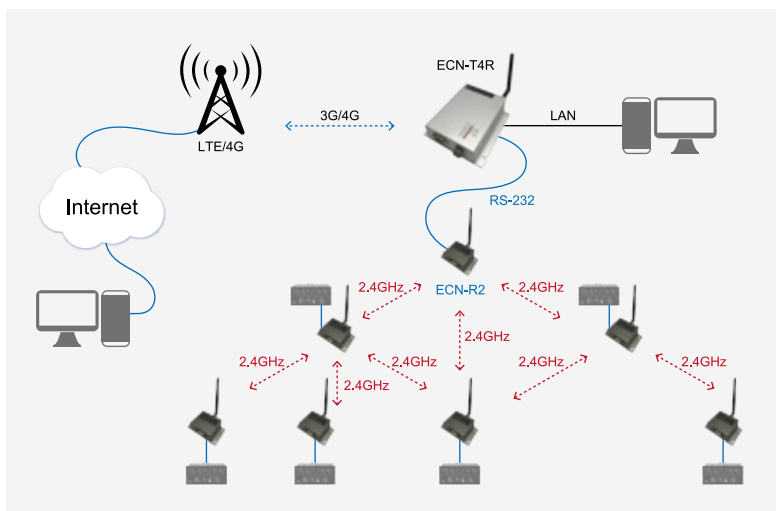
Flexible IP Network Management and Application Integration

The 4G IP structure provides a more flexible Star network architecture and the central system can be established simply using a lease line/ADSL. With the PlugMaster Software provided by ACT POWER, customers can easily perform the IP/ID management of the remote devices. Also, the PlugMaster Software provides the mechanism for the integration of 3G network and the legacy application system through Real Com, Virtual Com or Database transfer. ACT POWER can also provide socket program or .dll for customers' own application development.

Ideal for Remote Monitoring & Control Applications

ECN-T4R Terminals are best suited for low-data rate applications, and are ideal solution for serial data acquisition, remote monitoring and control. Examples include Industrial Automation, Environmental Monitoring, Intelligent transportation System, Access Control and Automated Meter Reading.

System Structure



Specifications

	ECN-T4R
CPU	32bit 600MHz
Modulation	4G 900/1800/2100MHz
Dimension(W x D x H)	123.5 x 130 x 40 mm
Watchdog	Built-in
RS-232	Male DB-9
RS-485	RS-485(2 Wire)
Digital IO(Optional)	4 input/4 output
DC Input	DC 9V~30V
Consumption	≤ 0.8W
Operational	≤ 1.5W
Operating Temp	-20°C~85°C
Storage Temp	-40°C~85°C
Humidity	5%~95%
Certification	CE . NCC