

iTegno GPRS MODEM

for Corporate & Industrial Usage



iTegno

The iTegno GPRS modem is designed specifically for corporate and industrial usage. This modem is ideal for any applications of mobile communication where it is necessary to integrate the GSM / GPRS communication in a professional and reliable way.

This durable and high performing modem can be deployed in myriad Machine-to-Machine (M2M) applications including automotive systems, fleet management, automated meter reading, vending & retail, security & surveillance, industrial systems, information display, etc.

Key Specifications

Equipped with GPRS Class 10 : Coding schemes CS1 to CS4

Fax service : Class 2.0

Fast download speed up to 85.6 kbps

Software interface: AT command (GSM 07.05, 07.07 and extended AT command)

Key Features & Benefits

- Multiple Interface Options – Designed with a broad range of interface options to provide seamless connectivity for any M2M applications.
- Versatile Deployment – Can be used in a wide and diverse range of applications.
- Enhanced Reliability – External antenna improves sensitivity and aids flexibility installation for industrial applications in remote areas.

iWOW Competitive Advantage

The iTegno GPRS modem is designed with a unique form factor that allows it to be seamlessly integrated into sophisticated applications. It is flat, small and extremely lightweight, making it highly suited for use in a M2M environment. Competitive pricing is the core advantage of this versatile modem.

Discover more about the iTegno GPRS Modem at www.iTegno.com or contact us at sales@iTegno.com

Product Specifications

Physical

Size : 94.2 x 66.0 x 14.5 mm

Weight : 58 gram

Status-indicator LED

Lead Free: Yes

SIM Support: 3V/1.8V

Feature

Quad-band : GSM 850 / EGSM 900 / DCS 1800 / PCS 1900

Compliant to ETSI GSM Phase 2+

GPRS Data Services : Downlink - up to 85.6 kbps

Uplink - up to 42.8 kbps

Multislot Class 10

Terminal Class B

Coding Schemes : CS1, CS2, CS3, CS4

Circuit Switch Data Service : up to 14.4 kbps

Fax Service : Group 3, Class 2.0

SMS service : Point-to-point (MO / MT)

Text / PDU mode

User Interface : AT-commands (GSM 07.05, 07.07, and extended

AT commands)

Embedded TCP/IP, UDP/IP and MMS Stacks

RF Interface

Nominal Max Output Power:

GSM 850 / EGSM 900 : Class 4, 2W (33dBm)

DCS 1800 / PCS 1900 : Class 1, 1W (30dBm)

Sensitivity:

GSM 850 / EGSM 900 : -102 dBm

DCS 1800 / PCS 1900 : -100 dBm

Electrical Interface

Power Down Mode : 50uA

Speech Mode : 230mA (average)

GPRS Mode : 420mA (average)

Idle Mode : 3mA

Environmental

Operating temperature : -20 °C to +55 °C

Storage temperature : -40 °C to +85 °C

Types of iTegno GPRS Modem Available

Modem Type	Modem Feature					External Power Supply
	Antenna Type		Interface			
	Embedded	External	USB	RS-232	RJ-45	
iTegno 3800	•		•			
iTegno 3832		•		•		•
iTegno 3845		•			•	

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