intelimax lite
Next Generation M2M HSPA+ Modem | MA-2015LITE

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CHOOSE WELL...
    CHOOSE WISELY...
        CHOOSE MAXON...

LOOKING TO UPGRADE YOUR COMMUNICATION DEVICES FROM 2G TO 3G?

The Intelimax *Lite* is a cost effective serial modem ideal for high volume M2M applications. The essential features include Packet Switched Data, 2 way SMS, Circuit Switched Data and IP Stack, which makes the Intelimax *Lite* the perfect entry level communications device.

WANT MORE FEATURES?

The Intelimax delivers a superior communications solution to suit most industrial markets. The Intelimax combines the capability of a powerful onboard processor providing an innovative and comprehensive feature set. Enhanced capabilities include SSH, Telnet, Remote Management, onboard IP Stack and FTP.
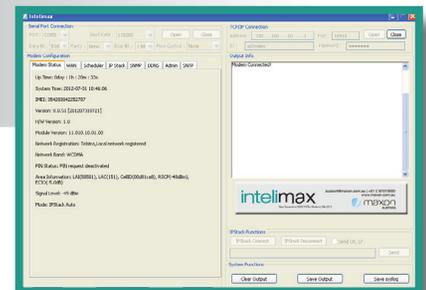
Intelimax Lite Features

maxconnect
READY

- Supports packet data and 2-way SMS

- RS232 Interface (RJ45 Connector)

- Auto recovery including detect and auto redial

- Wide ranging input voltage

- Remote AT Command configurable

- Windows GUI to access modem via IP Wan and serial port

Intelimax Features

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READY

All the features of the Intelimax Lite plus:

- Auto-Ping Timeout

- WAN Scheduling

- Supports SNMP, SSH, SNTP and Dynamic DNS

- Modem Emulation (CSD emulation in IP Mode)

- FTP Functionality

Windows Graphic User Interface

Applications

Remote Monitoring Power and Substations	Monitor Security systems and alarms
Data Logging	Weather Station
Traffic Signals	3G Communications Device

Fleet Management

Metering

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Frequency Bands

- WCDMA/HSDPA 850MHz, 900MHz, 1900MHz, 2100MHz
- GSM/GPRS/EDGE 850MHz, 900MHz, 1800MHz and 1900MHz

Metering

Water

Road Signs

Weather Stations

Transport

Power

Intelimax Lite General Features

- HSPA+/EDGE/GPRS/GSM module
- External antenna
- USB2.0 connection
- Packet switched data
- CSD (Circuit Switch Data)*
- 2x way SMS
- Remote SMS diagnostics
- Remote Telnet management
- Remote AT command configurable
- Remote /local user interface
- Extended AT command set
- External DC power
- Wide ranging input power
- Supports RS232
- Supports TCP/IP, UDP/IP Stack
- Supports Firmware over the AIR (FOTA)
- Auto recovery including detect and auto redial
- Inbuilt carrier detection watchdog
- Inbuilt periodic reset
- Diagnostic monitoring (Syslog)
- Backup configuration file (.dat)

*network dependant

Compliance

- RoHS Compliant
- ACMA

Intelimax General Features

- HSPA+/EDGE/GPRS/GSM module
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- 2x way SMS
- Remote SMS diagnostics
- Remote SSH and Telnet management
- Remote AT command configurable
- Remote /local user interface
- Extended AT command set
- External DC power
- Wide ranging input power
- Supports DDNS
- Supports RS232
- Supports TCP/IP, UDP/IP Stack
- Supports Firmware over the AIR (FOTA)
- Onboard FTP Client
- Auto recovery including detect and auto redial
- Inbuilt carrier detection watchdog
- Inbuilt periodic reset
- Inbuilt WAN Schedular
- Auto Ping watchdog
- Modem Emulator (CSD emulation in IP Mode)
- Diagnostic monitoring (Syslog)
- Backup configuration file (.dat)

*network dependant

Connections

- RJ45 Connector for Serial communications (RS232) and Pin 1 for power
- 1 x mini USB connector
- 1 x SIM Card
- 1 x Antenna Connector FME Male
- Reset Button

Data

- HSPA+ (UL 5.6 Mbps , DL 21 Mbps)
- WCDMA PS: UL 384kbps/DL 3.6 Mbps
- WCDMA CS: UL 64kbps/DL 64kbps
- GPRS/EDGE: UL 59.2 Kbps / DL 236 Kbps
- GSM CS: UL 9.6kbps/DL 14.4kbps

Dimensions

71mm x 55mm x 26mm (without side brackets and antenna)

Environmental Specifications

- Operation Temperature -20 to 70° C
- Storage Temperature -40 to 85° C
- Humidity: 5%~ 95%

Power

- 6 - 32 V DC (reverse polarity protection)
- Active Mode 150mA @ 12V
- Dormant Mode 50mA @ 12V
- Sleep Mode 30mA @ 12V

Operating Systems for GUI use

- Microsoft Windows XP, 7, 8