

3-G Cellular Modem

Technical Specifications

| Bullet - 3G | |
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| Bullet - 3G Supported Bands | UMTS / HSPA FDD Bands (MHz) - Six bands Band I (2100 MHz), Band II (1900 MHz), Band IV (1700 MHz), Band V (850 MHz), Band VI (800 MHz), Band VIII (900 MHz) 3GPP Release 7 5.76 Mb/s uplink, 21.1 Mb/s downlink or 5.76 MB/s uplink, 7.2 Mb/s downlink |
| Bullet - 3G Data Features | HSPA cat 14, up to 21.1 Mb/s DL GPRS multi-slot class 125, coding scheme CS1-CS4, up to 85.6 kb/s DL/UL EDGE multi-slot class 125, coding scheme MCS1-MCS9, up to 236.8 kb/s DL/UL CSD GSM max 9.6 kb/s UMTS max 64 kb/s |
| Bullet TX Power | WCDMA/HSDPA/HSUPA Power Class <ul style="list-style-type: none"> • Power Class 3 (24 dBm) for W CDMA/HSDPA/HSUPA mode GSM/GPRS Power Class <ul style="list-style-type: none"> • Power Class 4 (33 dBm) for GSM/E-GSM bands • Power Class 1 (30 dBm) for DCS/PCS bands EDGE Power Class <ul style="list-style-type: none"> • Power Class E2 (27 dBm) for GSM/E-GSM bands • Power Class E2 (26 dBm) for DCS/PCS bands |
| General | |
| Serial Interface | RS232 |
| Serial Baud Rate | 300bps to 921kbps |
| USB | USB 2.0 USB Console Port USB to Serial Data Routing USB to Ethernet Data Routing (NDIS) USB OTG (Host) |
| Ethernet | Password protection, 256 bit AES Rijndael encryption |
| I/O | 2x Programmable Analog/Digital Inputs or up to 2x Digital Outputs |
| SIM Card | Dual: 1.8 / 3.0V |
| PPP Characteristics | Dial on Demand/Idle Time |
| Network Protocols | TCP, UDP, TCP/IP, TFTP, ARP, ICMP, DHCP, HTTP, HTTPS*, SSH*, SNMP, FTP, DNS, Serial over IP, QoS |
| Management | Telnet, WebUI, SNMP, FTP & Wireless Upgrade, RADIUS authentication |
| Input Voltage | 7 - 30 VDC |
| Environmental | |
| Operation Temperature | -40°F (-40°C) to 185°F (85°C) |
| Humidity | 5% to 95% non-condensing |