

Compañía Internacional de Telecomunicaciones Digi Connect WAN 3G Dual SIM HSUPA



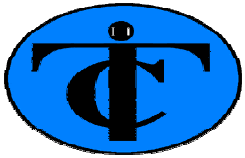
Características

- Easily accessible SIM module
- Network protocols
 - UDP/TCP
 - DHCP
- Status LEDs
- Ethernet
- Power on
- Cellular link/activity
- Signal strength
- Device initiated RealPort for COM ports and RFC 2217
- Python scripting, custom development environment
- Router/Firewall features
 - NAT
 - NAT-T (NAT traversal) VPN tunneling
 - Port forwarding

Claudio Arrau 0349, Providencia Santiago de Chile

Fono: 6651475 Fax: 6356472

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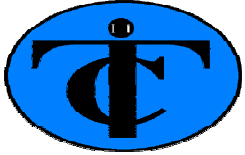
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- VPN pass-through
- Access control lists (IP filtering)
- Virtual Router Redundancy Protocol (VRRP) per RFC 3768
- VPN features
 - IPsec with IKE/ISAKMP
 - Multiple tunnel support
 - DES, 3DES and up to 256-bit AES encryption
 - Simple Certificate Enrollment Protocol (SCEP) for X.509 certificates
- Industrial automation features - Digi Connect WAN IA/ Digi Connect WAN 3G IA
 - DIN rail mounting kit (included)
 - Class 1, Div 2 rating (pending on 3G IA)
 - Terminal block for power
 - Modbus to Modbus/TCP protocol conversion
- Management
 - HTTP and CLI for web management
 - Optional secure enterprise management via [Digi Connectware Manager®](#)
- Security
 - SSL, SSHv2, FIPS 197 (serial connection)
- RF features - GSM GPRS models
 - GPRS multi-slot class 12
- RF features - GSM-R models
 - GPRS Class 10: max. 85.6 Kbps (downlink)
 - Triple-Band GSM-R/EGSM 900/GSM 1800
- RF features - GSM EDGE models
 - Network: Quadband 1900/850 and 1800/900 MHz GSM GPRS/EDGE
 - Transmit frequency: 1850-1910 MHz and 824-849 MHz
 - Receiver frequency: 1930-1990 MHz and 869-894 MHz
 - EDGE multi-slot class 12
 - GPRS multi-slot class 12
 - Throughput up to 240 Kbps, 100-130 Kbps typical
 - RF antenna connector: 50 Ohm SMA
- RF features - CDMA 1xRTT models
 - Network: 800 MHz CDMA cellular: 1900 MHz CDMA PCS 1xRTT
 - Transmit frequency: 1851-1909 MHz and 824-849 MHz
 - Receiver frequency: 1931-1989 MHz and 869-894 MHz
 - Throughput up to 153 Kbps, 60-80 Kbps typical
 - RF antenna connector: 50 Ohm SMA

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Interfaz Ethernet

- Connector: RJ-45
- Standard: IEEE 802.3
- Physical Layer: 10/100Base-T
- Data rate: 10/100 Mbps (auto-sensing)
- Mode: full or half duplex (auto-sensing)

Interfaz Serial

- RS-232/422/485
- Throughput up to 230 Kbps
- Full signal support for TXD, RXD, RTS, CTS, DTR, DSR and DCD
- Hardware and software flow control
- Can provide diverse out-of-band console management for network devices like routers and switches

Otras Interfaces

- 1 USB Type A connector*
 - 1 sensor port (for use with Watchport sensors)
- *See www.digi.com/products/wireless/usb-peripherals/ for a list of supported USB devices.

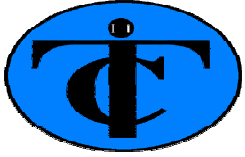
Condiciones Ambientales de Operación

- Operating temperature: -25° C to +75° C (-13° F to +167° F) for GSM models
- Operating temperature: -30° C to +75° C (-22° F to +167° F) for CDMA models
- (Reduced cellular performance will occur above 60° C)
- Relative humidity: 5% to 95% (non-condensing)
- Ethernet isolation: 1500VAC min per IEEE802.3/ANSI X3.263
- Serial port protection (ESD): +15 kV Air 6 AP and +8 kV contact discharge per IEC 1000-4-2

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- AT&T Wireless (GSM) - U.S.
- Sprint (CDMA) - U.S.
- Verizon Wireless (CDMA) U.S., Puerto Rico
- Rogers Wireless (GSM) - Canada
- Midwest Wireless (CDMA) - U.S.
- Alltel Wireless (CDMA) - U.S.
- T-Mobile (GSM) - U.S.
- Cellular One (GSM) - U.S.
- Centennial Wireless (CDMA) - Puerto Rico
- Claro PR (GSM) - Puerto Rico
- IUSACELL (CDMA) - Mexico
- Entel PCS (GSM) - Chile
- Claro (GSM) - Peru
- Vodaphone (GSM) - New Zealand
- Comcel (GSM) - Colombia
- IDA (GSM) - Singapore
- Telstra (GSM - Australia)
- Telefonica Moviles (GSM) - Guatemala, El Salvador
- ICASA (GSM) - South Africa
- Movistar - Panama (CDMA), Chile (GSM)
- Anatel (GSM) - Brazil
- Bell Mobility (CDMA) - Canada
- Dalacom (CDMA) - Kazakhstan

Certificaciones GSM

- PTCRB, NAPRD.03
- GCF-CC
- R&TTE, EN 301 511

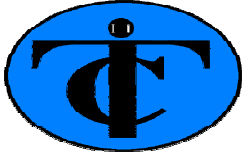
Certificaciones CDMA

- CDG TIA/EIA-690
- CDG TIA/EIA-98-E

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Certificaciones de Seguridad

- UL 60950
- CSA 22.2 No. 60950
- EN60950

Certificaciones de Emisiones y Seguridad

- FCC Part 15, Class A (FCC identifier GGL-R1902G)
- CE
- AS/NZS CISPR 22
- EN55024
- EN55022, Class A

Requerimientos de Energía

- Power input: 9-30VDC
- 12VDC power supply for 0° C to 60° C (32° F to 140° F) included; extended temperature available
- No power supply shipped with IA versions
- DC power consumption
 - Idle: 1.2 W
 - Max: 3.4 W
- AC power consumption
 - Idle: 2.0 W
 - Max: 5.8 W
- Surge protection (with included power supply)
 - 4 kV burst (EFT) per-4-4
 - 2 kV surge per EN61000-4-5 (non-condensing)

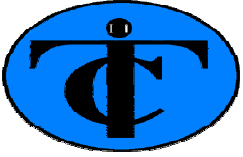
Dimensiones

- All models
 - Ancho: 8.510 cm (3.35 in)
 - Alto: 2.470 cm (0.97 in)
 - Largo: 13.33 cm (5.25 in)
 - Peso: 0.45 g (1.00 lb)

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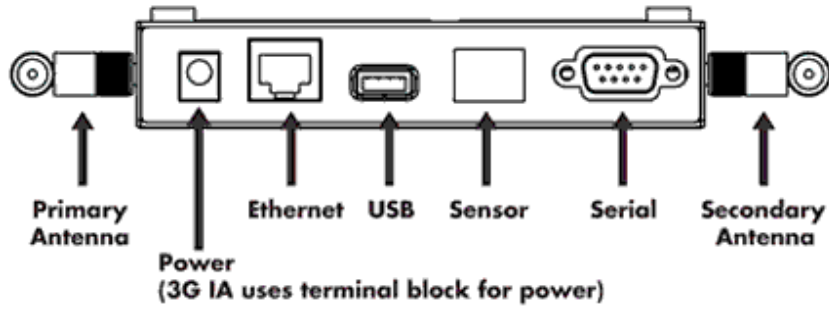
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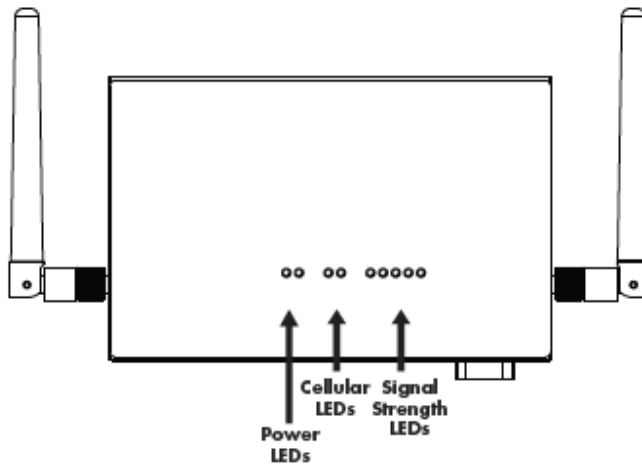
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Diagramas

- Digi Connect WAN 3G/ Digi Connect WAN 3G IA - Back



- Digi Connect WAN 3G - Top



Dimensiones

- All models



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