

# 3G Industrial Router

# maestro



empowering wireless

## Stable and powerful Industrial 3G Ethernet Router

The Maestro 3G Industrial Router is designed to allow fast connectivity to the Internet, to back-end applications, or to other devices. Maestro 3G Industrial Router is a GPRS/EDGE/UMTS/HSPA+ wireless single port router for fast wireless IP connectivity. By using the 3GIR, it is possible to connect remote sites to a central site by using the built-in IP-IP tunneling feature. Devices can communicate across firewalls and handle bidirectional communications across a NAT barrier.

### Configuration :

Configuration couldn't be easier with the native web-based setup front-end.

### Features :

- High Speed 21Mbps Connectivity
- DHCP, DNS, NTP, DNAT support
- IP-IP tunneling
- VPN client support
- SIM failover (dual sim card)
- Wide mains input range
- Optional battery back-up
- 20 LEDs for visual check

### Comm Alive, the ultimate stability

Industrial devices are often in remote areas and difficult to service. Failures in communication often come from network lock-ups, loss of GPRS routing or network registration and unterminated data calls. Maestro Industrial provides intelligent reset functions, network reattachment and back up modes ensuring the best reliability in communication.



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## Technical information

### GENERAL FEATURES

- Multiband GSM 850/900/1800/1900 MHz
- Multiband W-CDMA 850/1900/2100 MHz
- GPRS class 12 / EDGE class 10
- 3G UMTS: Up to 384 Kbits/sec
- HSDPA: 2Mbps/sec: Category 5
- HSPA+ mode: Up to 21Mbps/sec downlink
- ETSI GSM Phase 2+ compliant
- LED Bar RSSI (Receive Signal Strength Indication)
- LED indication of Network Registration, Up / Down Data Traffic and network availability
- Din Rail Mountable
- Temperature range:
  - Operational: -20°C to +55°C (ETSI compliant)
  - Functional: -40°C to +85°
  - Storage: -40°C to +85°C
- Casing: metal
- Dimensions: 170x80x35
- Weight: 700g

### INTERFACES

- Mains : 85VAC-264VAC / 120VDC-370VDC
- Data : RJ45 10Mbps/100Mbps Ethernet
- DC : 8VDC-30VDC input
- Antenna: Gold-plated SMA female

### INTEGRATED SERVER FUNCTIONS

- DNS Proxy/ DHCP Server

### FIREWALL

- NAT (Network Address Translation) for internal subnets
- Active connection tracking for UDP and TCP traffic
- NAT-ing of ICMP traffic

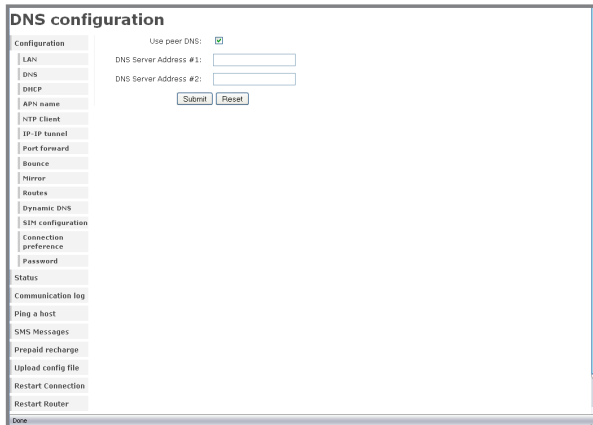
### IP PROTOCOL SUPPORT

- Basic ICMP/TCP /UDP
- Supports IPComp compression transport
- VPN Client support, (eg. Checkpoint Firewall-1 VPN)
- DHCP Server configuration
- APN name and authentication
- Connection status /system log display
- Trouble-shooting page (ping)
- Static IP routing
- DNAT
- IP-IP Tunneling
- Network Preference selection

Always-on broadband connection to critical data applications:

Maestro 3GIR can be deployed and managed for a wide array of industrial and enterprise solutions as a main or redundant communication solution.

Maestro 3GIR features an embedded configuration tool for easy set-up and remote maintenance



- Wireless networking
- Retail / Point-of-Sale
- Vending / Kiosks
- Multimedia
- Remote monitoring and control

### Distributor's Contact

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