

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
- IPsec VPN support
- SIM failover (dual sim card)
- Wide mains input range
- Optional battery back-up

Dual SIM, Dual PSU, The Ultimate Industrial Router

Designed for critical industrial applications the Maestro 3GIR features two cellular SIM slots for automatic network failover should the primary connection be lost. An additional power input is also available to plug a battery back-up.





Technical information

GENERAL FEATURES
- Multiband GSM 850/900/1800/1900 MHz
- Multiband W-CDMA 850/900/1900/2100 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:
- 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)
- IPsec VPN support
- 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

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



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.

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



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