

i-MO 210 Series *Bonding Router*

OptiBond™



Advanced Bandwidth Technologies

Network Resilience ~ connectivity wherever & whenever you need it...

The i-MO 210 series load-balancing and bonding router is ideal for providing a small branch office, home office, temporary location or mobile service with a highly resilient, high speed connection to the Internet.

With two internal 4G/LTE compatible modems and a WAN Port available, the appliance can be configured for failover, load-balancing or bonding to increase reliability and available bandwidth. Application data can be routed over a single modem, a failover pair or over a bonded connection.

As businesses move to Cloud based applications the reliability and speed of Internet connectivity is business-critical. i-MO enables companies to seamlessly add extra capacity whilst reducing WAN total cost of ownership.

The i-MO 210 with our unique OptiBond software is ideally suited to mobile and Internet of Things type applications.

The Administrative Web/CLI Interface easily allows the appliance to be configured for link-failover (e.g. from WAN to cellular) in addition to link aggregation to increase performance.

The appliance is powered from a single 12V power supply. This can either be provided by the included external AC adapter (100–240V, 50-60Hz) or alternatively it can be powered from a standard 12V DC supply.

The i-MO 210 is supplied with a pre-drilled, steel base plate to allow for secure mounting in almost any environment. Up to four SIMs (two per modem) can be fitted with A/B switching available to manage mobile network data allowance limits etc.

Software Features

i-MO 210 Series	
i-MO Firmware with	Bandwidth Aggregation Intelligent Failover Session Persistence
WAN	Static IP WAN Link Health Check
LAN	Multiple LAN subnets supported DHCP Server DHCP Reservation
VPN	IPSec Site-to-Site mode Ciphers: AES and 3DES Hashes: MD5 and SHA1 Pre-shared Key NAT-Traversal
Firewall	Stateful firewall Multiple zones: WAN, DMZ, LAN Multi NAT IP Forwarding Port Forwarding
Device Management	Web Administrative Interface Export / Import Configuration Command Line Interface



i-MO 210 Series Bonding Router



Technical Specifications	210
Format	Mobile / Desktop
Dimensions (WxHxD)	185 x 65 x 195 mm
Weight	1800 grams
Status	Power LED
USB	2 x USB 2.0
Cellular Data Connectivity	2 x 4G/LTE - A CAT6 Modems
Antenna Connectors	6 x SMA - 4 x Cellular/MiMo + 2 x WiFi
LAN / WAN Interface	2 x Gigabit Ethernet (Max 1 x WAN)
Power Input	12VDC +/- 5%
Power Supply	External AC Adapter 110 - 220 VAC (47 - 63Hz)
Max Power Consumption	Estimated power consumption : 20W (Wifi + 4G)
Operating Temperature	-20°C to +60°C
Storage	Room Temperature
Humidity	10% to 90% (non-condensing)
CPU	Intel® Atom N2800
Max Bonded Throughput	> 150 Mbps
Memory	2 Gb
Storage	32 Gb
WiFi WLAN Access Point	802.11 ac

Features

Software

i-MO Firmware with:
OptiBond Advanced Bandwidth
Technology
Intelligent Failover
Session Persistence

Device Management

Web Administrative Interface
Export / Import Configuration
Command Line Interface

WAN

Static IP
WAN Link Health Check

LAN

Multiple LAN subnets supported
DHCP Server
DHCP Reservation
DNS Server

WLAN

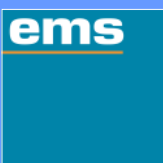
802.11 ac Access Point

VPN

IPsec VPN
Site-to-Site mode
Ciphers: AES and 3DES
Hashes: MD5 and SHA1
Pre-shared Key
NAT-Traversal

Firewall

Stateful firewall with support for PPTP,
FTP,SIP,H.323
Multiple zones: WAN, DMZ, LAN
Multi NAT
IP Forwarding
Port Forwarding



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