

# 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	
<b>i-MO Firmware with</b>	Bandwidth Aggregation Intelligent Failover Session Persistence
<b>WAN</b>	Static IP WAN Link Health Check
<b>LAN</b>	Multiple LAN subnets supported DHCP Server DHCP Reservation
<b>VPN</b>	IPSec Site-to-Site mode Ciphers: AES and 3DES Hashes: MD5 and SHA1 Pre-shared Key NAT-Traversal
<b>Firewall</b>	Stateful firewall Multiple zones: WAN, DMZ, LAN Multi NAT IP Forwarding Port Forwarding
<b>Device Management</b>	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

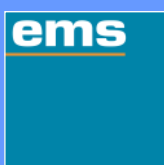
802.11 ac Access Point

### 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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