

# OptiEdge 335-E Series *Edge AI Appliance*

## OptiEdge™



Geo-Distributed  
Edge Processing

### Edge AI - providing real-time actionable intelligence and analysis with Geo-distributed Edge processing on location.

The OptiEdge 335-E Series Edge AI appliance is ideal for providing a low latency, real-time intelligence, low bandwidth solution for a highly resilient, Edge Computing capability.

The need for Edge AI is being stimulated by the huge volume of IoT data being created. Transferring this vast amount of data created to the cloud causes delays and latency. Edge computing solutions helps in avoiding these delays and latency, enabling the provision of real-time insights.

As connected devices proliferate and their capabilities expand, so does the need for real-time decision especially in locations where there is poor connectivity to the cloud. This movement of computational capacity out of the cloud—to the edge—is opening up a new sector: Edge computing.

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

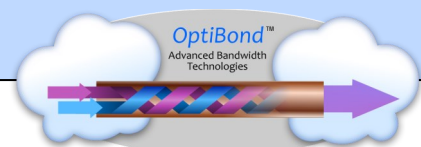
The OptiEdge 335-E Series with our unique OptiBond software is ideally suited to mobile and Internet of Things type applications.

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.

### Software Features

#### OptiEdge 335-E 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



# OptiEdge 335-E Series

## Edge AI Appliance



Technical Specifications	335
Format	Mobile / Desktop
Dimensions (WxHxD)	200 x 200 x 45 mm
Status	Power LED
USB	2 x USB 3.0
Cellular Data Connectivity	1 x 5G Modem
Antenna Connectors	6 x SMA - 4 x Cellular/MiMo + 2 x WiFi
LAN / WAN Interface	8 x Gigabit Ethernet (Max 7 x WAN), 2 x 10Gb SFP+
Power Input	12VDC +/- 5%, 5A
Power Supply	External AC Adapter 110 - 220 VAC (47 - 63Hz)
Max Power Consumption	Estimated power consumption : 50W ( Wifi + 5G)
Operating Temperature	0°C to +50°C
Storage	Room Temperature
Humidity	10% to 90% (non-condensing)
CPU	NXP 64bit 8 Cores
Max Bonded Throughput	Up to 32Gb
Memory	2 Gb
Storage	32 Gb
WiFi WLAN Access Point	Wifi 6

## 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

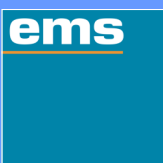
802.11 ac Access Point

### 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



### UK Head Office:

Electronic Media Services Ltd  
1st Floor, Building 51,  
Whitehill & Bordon Enterprise Park,  
Budds Lane, Bordon, Hampshire, GU35 0FJ  
Tel: +44 (0)1428 751655  
Fax: +44 (0)1428 751654  
e-mail: imo@ems-uk.com

