

## Description

The Newtec MDM2200 IP Satellite Modem is a 2-way, high throughput modem supporting a wide range of IP services like internet/intranet access, VoIP and multi-casting services. Its ease of installation and high performance modulation techniques enable network operators to offer IP broadband services in a cost effective way over Ku and Ka-band networks.

It is perfectly fitted to service home-users, Small Office and Home Office (SOHO), Small and Medium Enterprises (SME) as well as supporting applications like telemetry networks, Point Of Sale (POS) or banking.



## Cost Effective Service Offerings

Thanks to a unique design of both the compact modem and the interactive LNB (iLNB), the cost of the terminal is kept minimal.

The IP Satellite Modem is available with unique Point & Play® easy-installation technology, supporting the installation of the complete terminal without any specific qualification or expensive tooling. Point & Play® provides correct satellite identification and facilitates pointing with an audio feedback.

After mounting and positioning, the integrated certification assures correct installation by giving instant link quality approval. It guarantees that each terminal works at maximum efficiency without any interference risk.

## True Broadband Experience

For a true broadband experience, the IP Satellite Modem incorporates the most efficient technologies available, such as DVB-S2 Adaptive Coding Modulation (ACM) in the forward link, an Adaptive Return Link with advanced 4CPM modulation and IP traffic enhancement software for TCP acceleration, pre-fetching, compression and encryption.

*Newtec's broadband service solutions offer a **cost-effective** broadband experience over both **Ka and Ku-band** for **home use**, as well as for **professional purpose**.*

## Terminal Configurations

The IP Satellite Modem is offered in combination with different antenna sizes ranging from 75cm to 1.2m and both Ku and Ka interactive LNB's.

	Ku			Ka
	75cm	1m	1.2m	75cm
500mW	✓	✓		
800mW	✓	✓	✓	
2W				✓



## Main advantages

- Low initial investment per user, thanks to a very low terminal cost and unique Point & Play easy - installation capability
- Easy to use web GUI for installation, diagnostics and troubleshooting
- Adaptive Return Link based on different 4CPM modulations/coding and multiple channel bandwidths.
- High service satisfaction ensured through true broadband experience
- Optimal availability and efficiency of DVB-S2 transmission thanks to Newtec's technologies FlexACM® and ThiMM®
- Efficiency improvement of 10 to 15% with Newtec's Clean Channel Technology®

