

MAXVIEW

Need a little help? Your guide to internet on the move

Stay connected wherever
your adventure takes you!



Why Maxview?

Maxview have been manufacturing for over 55 years with one aim, to make receiving TV on the move as simple as it can be.

As one of the UK's largest manufacturers of TV, Radio and Satellite products, our long standing reputation is the result of outstanding customer support and constant innovation.

Stay connected wherever your adventure takes you!



**Need
Help or Advice?**

Please contact our
friendly Customer
Services Team

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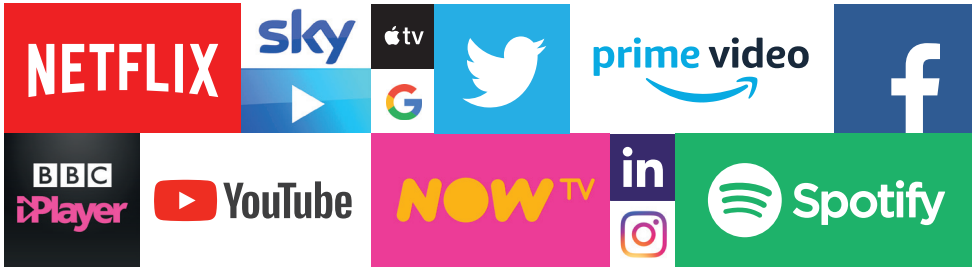
Internet Connection on the Move



Internet connection, especially whilst travelling, is often relied on for checking the weather, researching places to stay, visit and eat. Keeping up to date with family and friends through social media and emails to simply keeping the kids entertained on journeys and rainy days. The internet has fast become a necessity to our daily lives.

Smartphones and other devices can provide access to these services but for many can prove unreliable for coverage and speeds required.

People with Smart TV's at home often wish to transfer the same viewing experiences into their vehicle so when they are away from home they don't miss their favourite Netflix series, they can watch their favourite film on Prime video or can simply catch up on the weekly soaps or favourite TV programme at a convenient time via BBC iplayer or ITV HUB.



All subject to country and local contract.

The Problem...

Poor 3G/4G and Wi-Fi signal on your travels?

Internet connection on your adventure can often be disappointing and intermittent. Often the 3G/4G signal on your phone is weak or even non-existent as you venture further into remote and rural locations. Even with the campsite Wi-Fi the bandwidth can become congested with many like-minded users. The result is a poor and slow connection and often just browsing the internet is a chore and streaming your favourite TV show is not even an option.

The Solution...

Maxview Roam, a powerful mobile 3G/4G and Wi-Fi solution...

The Maxview Roam uses a powerful external roof mounted antenna and an internal powerful router. The solution is a reliable and secure Wi-Fi hotspot for your vehicle. The Maxview solution is unique as the Roam helps you get better internet in two ways.

1. 3G/4G Signal

The Roam is primarily designed and optimised to use 3G/4G mobile data in order to create a reliable Wi-Fi hotspot. Using the powerful Roam Antenna, it can often pick up usable 3G and 4G signals where your phone can't. The Roam Antenna is also 5G ready as standard. See page 10 for more information.

2. Wi-Fi Source

Where a direct Wi-Fi source is available, the Roam can also be used to connect to an existing Wi-Fi hotspot. This secondary function ensures SIM card data is only used when necessary.

Either way the Maxview Roam has you covered to maximise your internet connection on your adventure.



Also available in Grey.

How does it work?

Application examples

Key

4G/3G Data transfer from closest transmitter

Roam Antenna

Roam Router

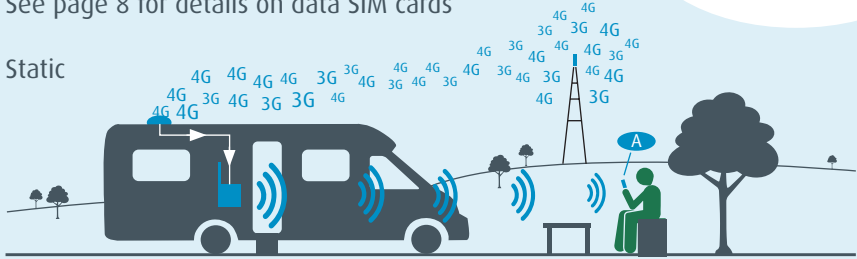
Wi-Fi Hotspot

3G/4G Signal

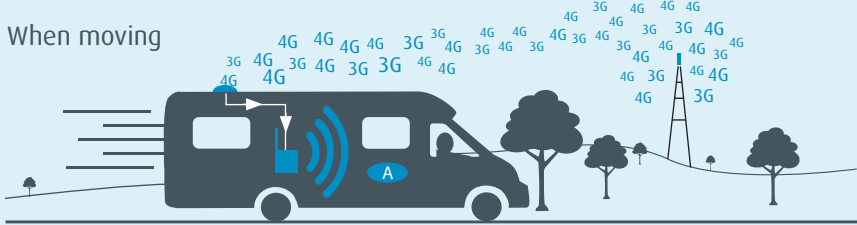
Primary function - Using a Data SIM Card

See page 8 for details on data SIM cards

Static



When moving



Switch between functions with our free easy to use Roam App - See page 08



Wi-Fi Source

Secondary function - Access to a local Wi-Fi hotspot*

Static



*Wi-Fi sources that require connectivity through a Captive Portal are not supported. See page 10 for more information.

Roam - Antenna

A powerful omni-directional Antenna designed to provide uncompromised and usable internet connectivity whilst travelling.

5G 
READY ANTENNA



Unique Features

Powerful Antenna

- Our powerful roof mount Antenna has been designed specifically for vehicles and optimised to work in rural and remote locations.

Sleek Antenna Design

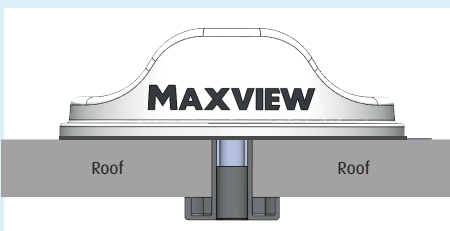
- Low profile and streamline design for roof mounting; occupies minimal roof space for a discrete installation. It can be mounted in almost any position with mounting options available.

Omn-directional

- By receiving signals throughout 360 degrees, the Roam requires no manual directional adjustment, simply fit and forget.

Simple Installation

- Self adhesive pad and clamp provides quick and easy permanent through the roof installation (ref image below). Once installed simply plug and play.



5G Ready Antenna

- The Roam Antenna is compatible with all 5G frequency bands as standard. See page 10 for more details.

Suitable for UK and European Travel

- The Roam has been optimised to work across the UK and Europe. (dependant on data provider/contract).

Suitable for Elevated Roof Installations

- Independent performance testing confirms the antenna works effectively on elevated roofs. Although horizontal installations provide maximum performance.

Reliable Data Transfer

- 0.8metre cable with twist on (SMA) connectors as standard

Static and Mobile Connectivity

- Providing connectivity when stationary and whilst on the move. Other mounting accessories are available. See page 11 for details.

Choice of colour

- We offer our Roam Antenna in grey or white plastics to suit your application.

Roam - Plug and Play Router

A 3G/4G receiving product is ultimately the most likely to offer reliable and usable internet connectivity, however we have also recognised that in some specific scenarios, where a usable Wi-Fi hotspot is in range, using data is just not necessary.

Roam offers the best of both worlds, when available a Wi-Fi connection can be used to minimise data usage.

3G/4G

Primary function

Sim card required - see page 9.



WiFi

Secondary function

Access to a local Wi-Fi hotspot*



*Wi-Fi sources that require connectivity through a Captive Portal are not supported. See page 10 for more information.

Unique Features

Powered by Teltonika

- We are proud to have formed a partnership with Teltonika to bring you the powerful Roam router.

Plug and Play Router

- Specifically designed for your vehicle, it features a durable Aluminium housing. Its compact size and cupboard mounting bracket ensures a neat installation.

Factory Unlocked for any SIM

- The router is designed to work with any data service provider, alongside your choice of Pay As You Go or monthly contract, so you can use whatever network works best for you.

Secure Internet Browsing

- Uses advanced password encryption methods, to ensure your internet connection remains secure.

Connectivity

- Can be wired using the 1.5m Ethernet Cable providing a connection directly to a device. Ideal for Smart TV's.

Family Friendly Browsing

- Bespoke website blacklist filters can be set up to block unwanted websites.

Devices

- Connects up to 50 devices at any one time including Smart TV's, Smart Phones, Tablets and Laptops.

Power Options

- Uses 12V automotive cigarette power supply or can be powered using 230V mains power supply (sold separately).



Roam - Free App

App control for the Roam provides simplified use of key features.

Easy Set Up



Download the Free Maxview Roam App from the App Store.



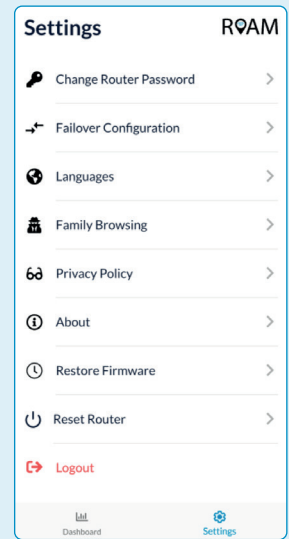
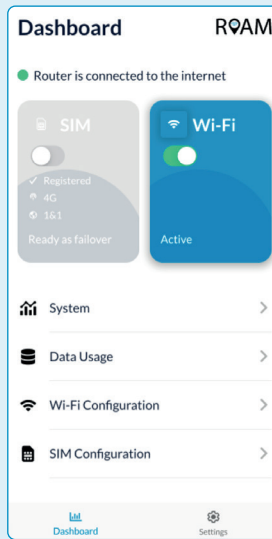
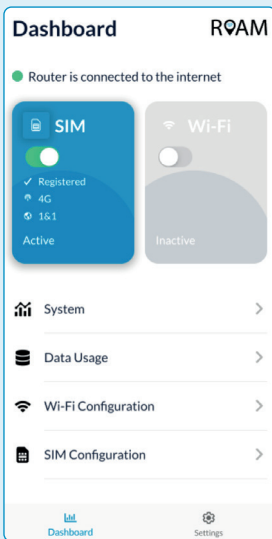
Get step-by-step instructions in the Roam app.



Start connecting to the internet.



Simple & Efficient Control



Switch internet source between SIM card (data) and Wi-Fi

Easy to view settings

SIM Card Information

The Roam is designed to work with any data service provider so you are free to use whatever network works best for you!

You can use your provider if you already have one in place alternatively if you are choosing a network provider for your Roam it's worth considering coverage for intended travel alongside the best deals and usage.

If you travel to Scotland, EE's coverage is regarded superior, whilst Vodafone proves popular for those travelling into Europe. The Three network is generally considered to offer competitive deals.

Please check limitations of your network provider and Data SIM, especially when travelling abroad, the number of days abroad, usage, restrictions and roaming charges. It is always a good idea, when travelling abroad to carry a spare SIM which doesn't have a shelf life or expire if not used.



Understanding Terminology

Data SIM A data only SIM is a SIM card that comes with a Data allowance per month, but no minutes or texts. They are used primarily in devices which don't make or receive calls.

Units of Data MB and GB are used for measuring units of data which is used by network providers to tell you how much data you are getting on a Data SIM.

MB - This stands for megabyte and is made up of approximately 1000 kilobytes.

GB - This stands for a gigabyte. About 1000 megabytes makes up 1 gigabyte.

What do we offer?

THREE™ network Data SIM preloaded for up to 24 months

Available to purchase separately, pre-loaded with 24GB of Data.

SIM card offers great coverage and cost effective data. Simply place the SIM card into your Roam and you can immediately begin to use it.

The 24GB SIM is valid for 24 months from when it has first been used.

When you have used all the data, just add more using the Three website or replace with another pre-loaded data SIM. These SIM cards can also be used in many other countries, roaming charges may apply.

For full details of these limitations, please contact Three™.

Turn to page 11 for Data Usage Guide.

Pay As You Go

Internet with legs.

Get online wherever you are with Mobile Broadband.

Lasts for up to 24 months. Top-up when you need more data. **24GB**

Trio SIM. For use in any unlocked 3G or 4G tablet, dongle or Mobile Wi-Fi device.

Internet availability is subject to coverage. For 4G you must have a 4G device and be in a 4G area. See Three.co.uk/coverage.

Three™ is a registered trademark.

Roam - Specifications

Antenna

Type:	Omni-directional MIMO (multiple in multiple out)
Frequency/Gain:	698-6000 MHz/5.9dBi -8.8dBi Includes all 3G, 4G and 5G frequencies
Connector Type:	SMA
Impedance:	50 Ohm
Power:	Passive
Cable Lengths:	0.8m as standard 1.8m available on request - order MXL050/LC
Housing:	Aluminium Base. UV Stable ASA Cover
Dimensions:	ø: 196mm x H: 65mm
Weight:	500g

Router

Router Type:	3G/4G and Wi-Fi
Compatible Speeds:	Up to 150Mbps 3G/4G Antenna
Connector:	2 x SMA
Ethernet Ports:	2 x RJ45 (WAN and LAN)
Connection Devices:	Up to 50
External Antennas:	2 x 3G/4G (for external roof mount antenna) 1 x Wi-Fi (for internal whip antenna)
Power:	9-30 VDC (Reverse Polarity Protection) 12V Automotive Power Supply Included 1.5m Lead Length 2 Amp Fused Input Protection
Power Consumption:	0.4A
Family Browsing:	Yes, blacklists and whitelists
Remote Diagnostics:	Yes
SIM:	Unlocked (No SIM provided)
Housing:	Aluminium
Dimensions:	H: 83 x W: 74 x D: 25mm
Weight:	125g

What is a captive portal?

A Captive Portal is the term used when a public Wi-Fi source redirects the user to a webpage before they can gain access to the internet. This page usually requires the user to input details such as an email address and accept terms of use.

Wi-Fi sources requiring use of a Captive Portal are not supported by the Maxview Roam and therefore cannot be used as an internet source.



What about 5G?

5G is a term we are becoming increasingly familiar with, as mobile service providers continue to roll out the technology.

At present, 5G is primarily designed to facilitate advanced applications beyond that of our mobile phones and 5G remains largely limited to built up urban areas, due to the short wavelength frequencies that it currently uses. For these reasons, the benefits of 5G to our customers remain limited.

That said, as we continue to monitor the 5G roll out, the infrastructure continues to grow and there is discussion surrounding the use of longer wavelength 5G, which will ultimately result in a more accessible 5G network.

Although the benefits are not quite there yet, there is little doubt that 5G coverage will continue to increase and will provide benefits to our customers in years to come, perhaps even in more rural locations.

For this reason, we have integrated 5G capabilities into our antenna as standard to ensure our customers are futureproofed. This means, when the 5G network can benefit our customers, you can rest assured that the Roam antenna is fully compatible*.

*This applies to all antennas manufactured after January 2021. A 5G router and SIM plan will be required to receive 5G connectivity.

Our product range

MXL050 - White Antenna or MXL050/G - Grey Antenna

Includes everything you need to get installed. Please note a Data SIM package will be required.



Find a Roam installer today!




Recommended for professional installation by a network of our nationwide dealers. Contact us for details of your nearest installer +44 (0) 1553 811000

Data SIM Card (Available separately)

24GB SIM24GB (See page 9 for more details)

How much Data does it provide?

This is to be used as a guide only and is dependent on many factors such as quality of download, devices, speed

Application		24GB
	Browse web use, social networks, check emails	960 minutes per day or 480hrs a month
	Stream Music	480 minutes per day or 240hrs a month
	Stream TV - (Standard definition)	24 films a month (medium quality)

Typical Usage.

OFCOM Communication Market Report published in September 2020 stated the average person uses 2.9GB mobile data per month in 2019.

Roam - Accessories (Available separately)

Roam Bracket Fixing Kit - For roof mounting



The raiser bracket allows you the flexibility to mount your antenna anywhere on your roof and enter the cable at your preferred point using the supplied cable entry cover. Alternatively you may have an existing cable entry point you may like to utilise instead.

Designed and manufactured specifically for the Roam Antenna, the aluminium bracket is lightweight, strong and finished with a durable white powder coating. Suitable for any flat roof the kit also includes 2m extension cables for flexible mounting position.

MXL050/KIT1 White

MXL050/GKIT1 Grey

Weatherproof Socket - With SMA Connectors



The Weatherproof Socket provides an external entry point into the side of any vehicle.

Available with 2 SMA connections, making it ideal when using the Roam Antenna with the Roam Bracket Fixing Kit (See left) to allow for a temporary connection or where entry into the roof is not possible.

It can also be used for other applications where an external SMA connection is required.

B2016

Roam Extension Cables

Extension cables can be purchased separately to allow a flexible mounting position to the router.

1 metre [MXL050/EXT1](#)

2 metres [MXL050/EXT2](#)

3 metres [MXL050/EXT3](#)

5 metres [MXL050/EXT5](#)



MAXVIEW

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