

# 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.

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## Stay connected wherever your adventure takes you!

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**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 08 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.



# How does it work?

Application examples

Key

4G/3G Data transfer from closest transmitter

Roam Antenna

Roam Router

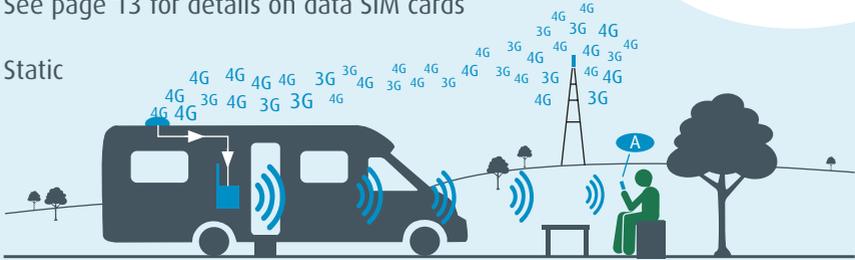
Wi-Fi Hotspot

## 3G/4G Signal

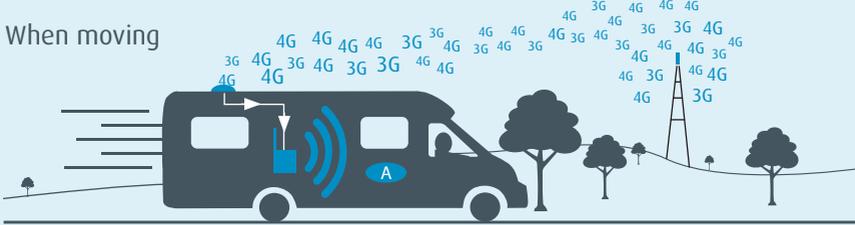
Primary function - Using a Data SIM Card

See page 13 for details on data SIM cards

Static



When moving



Switch between functions with our free easy to use Roam App - See page 12



## 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 16 for info.

# Roam - Range Overview

We have two models of Roam depending on use and application.  
Here we show a comparison at a glance.



## ROAM

Model Code **MXL050**



Application



4G CAT4  
Max Speed 150Mbps

 SIM 1  
SIM Card Ports



RJ45 Ports



Up to 50 - Users/Devices



## ROAM X

Model Code **MXL051**



Application



4G CAT6  
Max Speed 300Mbps

 SIM 1  SIM 2  
SIM Card Ports



RJ45 Ports



Up to 100 - Users/Devices

Features of both models:



Free App Control



Free 5GB Data SIM Card  
(For UK customers only -  
subject to change)

**5G READY**

Antenna



Powering Options



Colour Options



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

## Antenna features for both Roam and Roam X

### 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.

### Powerful Antenna

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

### Omni-directional

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

### Suitable for UK and European Travel

- Optimised to work across the UK and Europe. (dependant on data provider contract).

### Static and Mobile Connectivity

- Providing connectivity when stationary and whilst on the move. Other mounting accessories are available. See page 15 for details.

### 5G Ready Antenna

- The Antenna is compatible with all 5G frequency bands as standard. See page 16 for more details on 5G.

### Simple Installation

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

### Reliable Data Transfer

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

### 1 year guarantee

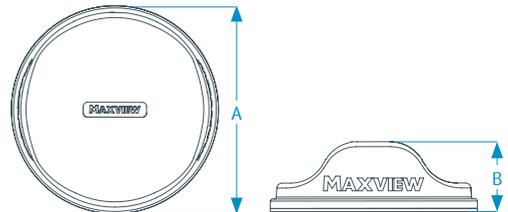
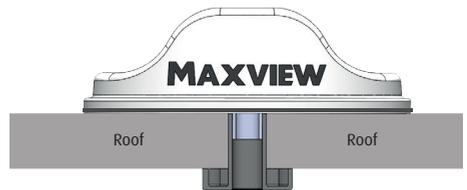
- With UK based customer services support.



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

### Antenna Specifications

Type:	Omni-directional MIMO (multiple in/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 Length:	0.8m as standard (1.8m available on request)
Housing:	Aluminium Base. UV Stable ASA Cover



### Dimensions & Weight

A: 196mmØ    B: 65mm    500g

# ROAM 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 mobile 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.

With CAT4 LTE and up to 150Mbps this Router is ideal for general internet browsing use.

**3G/4G**  
Primary function  
Free SIM card included  
See page 13 for details



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

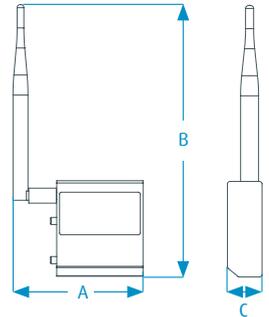


## Router Specifications

- Compatible Speeds: Up to 150Mbps  
Antenna Connector: 2 x SMA  
Wi-Fi: 802.11.b/g/n/ - 2.4GHz  
Ethernet Ports: 2 x RJ45 (WAN and LAN)  
Antenna Connections: 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 Max

## Dimensions & Weight

A: 115mm B: 240mm C: 25mm 125g



## All models feature

### Powered by Teltonika

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

### Complete with Router Bracket

- Specially designed unique, Router Bracket for a neat and secure installation.

### Secure Internet Browsing

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

### Factory Unlocked for any SIM Card

- 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.

### Connectivity

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

# ROAM X Router

With additional CAT6 LTE chip technology, receive up to 300Mbps of speed. Which offers twice the upload and download speed of the standard Roam Router.

Ideal for heavy users of the internet.

## Additional key benefits are:

- MU-MIMO for higher speeds across multiple devices
- 2 Wi-Fi Antennas for greater coverage
- Dual Sim Slots
- 4 RJ45 ports allowing additional wired users/devices

## 3G/4G

### Primary function

Free SIM card included  
See page 13 for details



## Wi-Fi

### Secondary function

Access to a local  
Wi-Fi hotspot

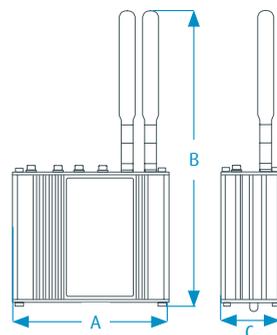


## Antenna Specifications

Compatible Speeds:	Up to 300Mbps
Antenna Connector:	2 x SMA
Wi-Fi:	MU-MIMO - 802.11.b/g/n/ac - 2.4GHz - 5GHz
Ethernet Ports:	4 x RJ45 (WAN and LAN)
Antenna Connections:	2 x 3G/4G (for external roof mount antenna) 2 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 Max

## Dimensions & Weight

A: 115mm B: 270mm C: 45mm 550g



## Devices

- Connects up to 50 devices (for Roam) and 100 devices (for Roam X) 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).

## Family Friendly Browsing

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

## Dual Sim Card Slots (Roam X version only)

- Examples of use
  - SIM Slot 1
    - Pay as you go European roaming SIM Card
  - SIM Slot 2
    - Monthly Contracted UK Unlimited Data SIM Card

# 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.



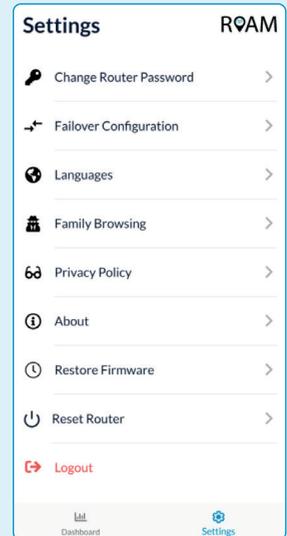
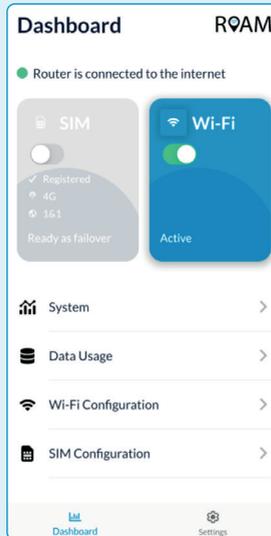
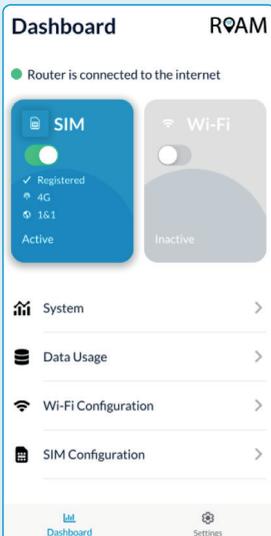
Get step-by-step instructions in the Roam app.



Start connecting to the internet.



## Simple & Efficient Control



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

Easy to view settings

# Roam - SIM Card Information

The Roam models are 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.

**New!**

## Free 5GB SIM Card with every Roam!\*



Maxview have partnered with Broadband Go to provide a free, multi-network SIM card with your new Roam Mobile Internet product. The SIM picks up the best network provider depending on your location maintaining your connection even more effectively.

Your 5GB of FREE data is equivalent to 10 hours of TV streaming, 15 hours of video chat or 100 hours of music.

### BroadbandGo Benefits

- Works in UK and Europe
- Manage your account and usage in the BBGo app
- No contracts

### Please Note:

The Broadband Go SIM Card is provided with no obligation and no purchase necessary. If you do not wish to use it, simply remove it from your router. Furthermore, there is no commitment to sign up for a Broadband Go package even if you do choose to use the 5GB of free data. For other SIM card options see page 15

\*UK customers only - subject to change

### Additional note.

As of 02/05/2022 we will include the Broadband Go SIM Card with all Roams.

If this has not been supplied please contact us on 01553 81000 or email [support@maxview.co.uk](mailto:support@maxview.co.uk) ensuring you have your Roam Serial Number to hand. This can be located at the back of the Router.

## Understanding Terminology

### Data SIM Card

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.

# Roam - Kit Contents & Product Codes

ROAM X

MXL051 White

MXL051/G Grey



ROAM

MXL050 White

MXL050/G Grey



## Find a Roam installer today!

Recommended for professional installation by a network of our nationwide dealers. Visit our dealer map on our website to find your nearest installer:  
[www.maxview.co.uk/find-an-installer/or-simple-scan-the-QR](http://www.maxview.co.uk/find-an-installer/or-simple-scan-the-QR-code-for-instant-access)  
code for instant access.



Alternatively contact us directly for details +44 (0) 1553 811000

# 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](#)



## Data SIM Card

THREE™ network Data SIM pre-loaded for up to 24 months, with 24GB of Data.

SIM card offers great coverage and cost effective data. 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 at no extra cost but there are limitations.

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

[SIM24GB](#)

The image shows the packaging for a Three Data SIM card. At the top, it says 'Pay As You Go'. On the right is the Three logo. The main text reads 'Internet with legs.' Below that, it says 'Get online wherever you are with Mobile Broadband.' At the bottom, it says 'Lasts for up to 24 months. Top-up when you need more data.' and '24GB'. At the very bottom, it says '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.'

# 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.

## Still need Help or Advice?

Please contact our friendly Customer Services Team  
01553 811000

# MAXVIEW

Visit us at [www.maxview.co.uk](http://www.maxview.co.uk)

### Contacts

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Email: [support@maxview.co.uk](mailto:support@maxview.co.uk)

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