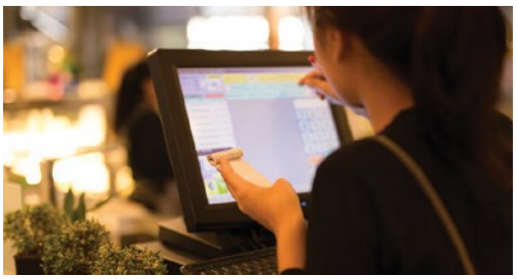


Product Brochure

Redefining Superfast

Contents

Introduction

There are many reasons why our clients choose this solution for their homes, businesses and vehicles.

It combines a cloud based management platform with independent Static Public IP addressing and robust 4G LTE hardware to deliver outstanding broadband service.

The solution enables delivery of superfast broadband to homes and businesses that are unable to get superfast broadband via fixed line, wireless or satellite. It does not need a copper phone line to operate and can be used to provide VoIP services.
It is used as a backhaul for IoT/M2M devices, for the assurance of reliable failover for business continuity, to utilize temporary or seasonal connectivity and to track assets in vehicles or vessels of all types.

It has been specifically designed to work in harmony with other connectivity into premises to provide seamless and robust failover with efficient use of data allowances.

The product can be configured to meet customers' bespoke technical requirements and Wi-Fi coverage can be extended with additional hardware. It can be deployed into any premises as part of a wider connectivity solution and is suitable for use in complex network environments. Static Public IP addressing is optionally available on all products.

Post installation changes can easily be made to local networking parameters, including local LAN addressing, DHCP, DNS, port forwarding, WiFi SSIDs and passwords.

The solutions hardware performs a specific and complex role in the delivery of the broadband

service, the devices are all cloud managed to ensure reliable control via the easy to use web interface.

As it does not rely on a phone line it is also well suited for situations where connectivity is required for temporary or mobile access.
Device settings are continually backed up to our data center enabling us to perform troubleshooting for our customers should the need arise. (We do not monitor or store any of your traffic data, e.g your browsing activity).

Cloud management enables your solution to be automatically updated with the latest firmware releases which are rigorously tested and approved before being pushed to your device.

After sales support is provided by our technical service desk.

The hardware connects reliably to 4G LTE, even in locations where mobile phones cannot obtain 4G LTE signals.

"You can't see it but our solution can"

What's unique?

The Ecosystem

The Controller is connected to an Outdoor Unit (ODU) which is externally mounted and houses the data SIM(s). One of the unique features of the system is the way that we can load balance your internet traffic across multiple Outdoor Units (ODUs) and/or an auxiliary WAN connection automatically. This programming is available by default and ensures that traffic to HTTPS (SSL) sites are locked by connection to whichever outgoing path the traffic originates on preventing rejection from the secure host.

One of the unique characteristics of our Static Public IP address service is that it is network independent. The Static Public IP address will self-heal by re-establishing the controller's Static Public IP connection to our data center over any active WAN connection.

SPanel - Customer Portal

You can manage mirrored or separated Wi-Fi SSID settings for 2.4/5GHz networks, Wi-Fi Password, Wi-Fi frequency settings for individual client access points (CAPs), their identities and Wi-Fi device access control lists (including time-based blocking for parental control).

Multiple additional or Guest Wi-Fi networks can be added to a device configuration with secure fixed password access, or an open network with managed guest portal. Additional SPanel users can also be added to your account if required.

Device Configuration

Default Configuration - Load-balanced

Most effective when the outbound services are of similar speed, and gives a more uniform user experience .

Alternative Configuration Failover

All traffic goes through the Outdoor Unit or units unless the signal is lost, for example during network maintenance or service outage, all traffic is diverted to the failover auxiliary WAN gateway, or vice versa.

Bespoke Configuration

Used when there are multiple outbound routes (e.g. ADSL, FTTC, Satellite and multiple ODUs). Traffic can be split for certain devices to utilize the most cost efficient or predetermined path. This means all high priority users can go through the gateways, either singular or load-balanced, and low priority users go through one of the alternatives (ADSL, FTTC or satellite).

Bespoke Options

A wide array of bespoke options can be configured to any of our device hardware to suit your own network needs.

Bespoke options include: Virtual Private Networks (VPN), with IP-Sec security, Guest W-iFi networks with self-service Wi-Fi portal and optional PayPal integration and Content Filtering Services.

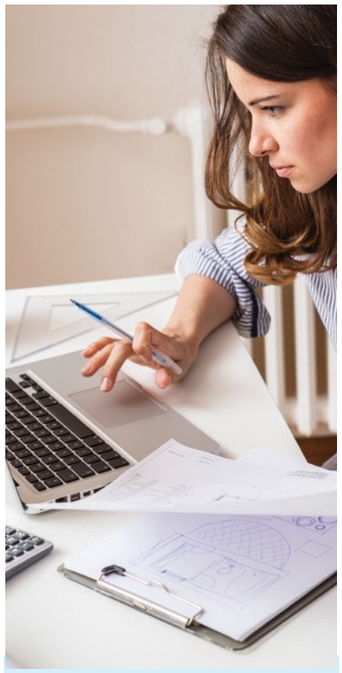
IEEE 802.1Q VLan networks can be added to your device with the assistance of our technical service desk.

Our bespoke options can also allow for traffic shaping, for example controlling traffic for identified devices to utilize a specific external path, Network Bandwidth Prioritization and Quality of Service (QoS).

What's our range?

Whatever your connectivity needs - our three main product ranges have got you covered.

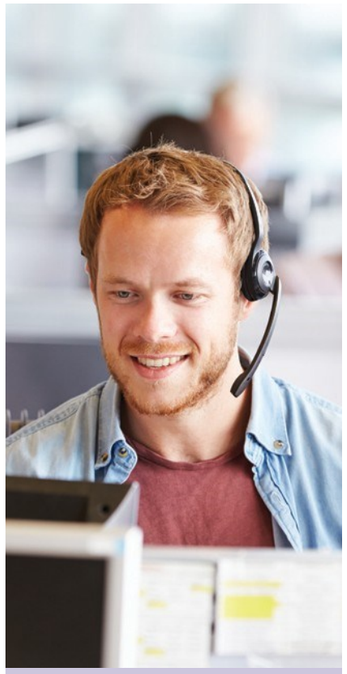
Essential



Essential

models fulfil the need to get superfast broadband with Wii-Fi as either a primary or secondary method of connectivity in smaller premises. Great for homes, small businesses, and for backhaul for IoT/ M2M devices.

Business



Business

models are deployed where multiple SIMs are required, in physically larger premises, in medium to large businesses with many users, or in more technically complex environments e.g. hotel guest Wii-Fi portals.

Mobile

Mobile

is a cost-effective way to get internet connectivity & feature rich Wi-Fi on-the-go from a single unit. Ideal for anything or anyone on the move or as backhaul for IoT/M2M devices.

Essential

The Essential range models are typically used by homes and small businesses which have less than twenty concurrent users. They are very often used in rural locations as a primary method of connectivity or for failover to ensure business continuity.

Business

The Business range models are recommended for business and enterprise users. They are deployed in physically larger spaces or more technically complex environments with twenty or more concurrent users. They are very often used in rural locations as a primary method of connectivity or to ensure business continuity.

All controllers in the Business range are also wireless controllers allowing central management for all access points to extend Wi-Fi coverage throughout the premises.

In countries where large data SIM allowances are not available, the ability to add additional ODUs to the controller enables you to seamlessly increase your monthly data transit capacity. This is ideal for high data transit environments such as offices, and larger premises such as hotels, either on a permanent or temporary basis.

One

The One delivers superfast broadband to your premises with Wi-Fi. It combines an Outdoor Unit (ODU) and a Controller which has a fully featured firewall and dual concurrent radio for Wi-Fi in both 2.4 GHz and 5 GHz frequencies (802.11 a/b/g/n/ac).

All Ethernet ports on the controller provide 10/100 Ethernet connections to any wired devices.

All models from the Essential and Business ranges come as an integrated package with two devices; the **Controller** which is located internally at the premises and varies dependent on model, and an **Outdoor Unit (ODU)** which is mounted externally. The standard ODU is dual SIM capable and works with most national and international 4G LTE carriers. (A long range version with one SIM slot is available for extremely remote environments)

The ODU uses a professional LTE chip with integrated high gain antenna. When properly fitted this ensures a consistent reliable link to the 4G LTE networks. The category 6 LTE modem enables carrier aggregation and allows the device to use multiple bands at the same time. It provides better responsiveness in crowded environments like towns and cities and higher efficiency for weaker signals in the countryside. The CAT6 modem chipsets are rated up to 300Mbit/s Downlink, 50Mbit/s Uplink. The ODU is connected to the controller using Ethernet, not Radio Frequency (RF) found in coaxial cable. This means there is no 4G LTE signal loss between the ODU and the controller resulting in the best possible network performance.

One+

The One+ is more powerful than the One. It delivers superfast broadband whilst also providing business class Wi-Fi coverage to your premises. It combines an Outdoor Unit (ODU) and a Controller which has a fully featured firewall and dual concurrent 3x3 MIMO radio for high capacity Wi-Fi in both 2.4 GHz and 5 GHz frequencies (802.11 a/b/g/n/ac).

All Ethernet ports on the controller provide Gigabit Ethernet connections to any wired devices. There is also an SFP cage for fibre connectivity.

Pro

The Pro Controller is a professional level router with a high-performance quad core CPU to maximize processing power and capability.
It can be used with up to four data SIMs (two simultaneous connections) when used with two Outdoor Units.

It features an SFP+ 10Gb Fibre port, 7x Gigabit LAN ports and caters for 2x ODUs along with an AUX port for use with an alternative broadband such as FTTC, FTTP, xDSL, WISP and Ethernet Leased lines.

The Controller can be either placed on a desk or rack mounted.

A Wi-Fi model provides the best 4x4 MIMO dual-band Wi-Fi for extremely high speed wireless access.

Power

The Power Controller provides Power over Ethernet (PoE) and for up to three, simultaneous use and fully load-balanced ODUs. This enables you to use six data SIMs to increase your total monthly data allowance.

The Gigabit Ethernet firewall has an SFP cage for fibre connectivity.

The first access point of your WiFi can be powered by the Power Controller via its Ethernet LAN ports.

Core

The Core Controller is a powerful Ethernet router that comes with eight Gigabit Ethernet ports, one SFP port and one SFP+ port allowing you to connect to local infrastructure at speeds of up to 10Gbps.

The Core can support the use of up to twelve data sims (six simultaneous connections) when using six Outdoor Units.

Mobile

The Mobile range includes the Go and Go+ models. They provide a simple and cost effective way to get feature rich Wi-Fi on-the-go. It is also a cost effective device to get internet connectivity and Wi-Fi in locations with a good 4G LTE signal.

- ✓ Wi-Fi for boats, buses, taxis, tractors, motorhomes.
- ✓ Backhaul connectivity for IoT/M2M devices
- ✓ Pop-Up retail stands for Chip & Pin machine and mobile EPOS
- ✓ Premises broadband in areas with a good LTE signal
- ✓ Connectivity for remote CCTV

As well as providing you with great connectivity and Wi-Fi, the Go and Go+ models can also be configured as a remote wireless extension of your internal network to be used from

anywhere in the world. It provides a secure and convenient way to access resources from your network even when you are not there, it's just like being at home or in your office.
Your device becomes a portable hardware extension to the controller at your premises, making that network and its internet connection available from any location. This is ideal for users who want their internet connection to appear as if it originates from their premises. This may help with authorization to financial sites, IP locked web services or streaming geo-locked media services from outside your country of origin. (You must have a Static Public IP to use this service)

Go

The Go is a wireless access point with built in CAT4 modem for 4G LTE connectivity.
The 10/100 Ethernet LAN port means you can even plug in wired devices such as credit card machines or CCTV for direct Ethernet connectivity. The 2.4 Wi-Fi 802.11b/g/n wireless enables you to connect using your phone or other wireless device.

It has two internal antennas that you can unplug and replace with larger antennas to get wider coverage. This is very useful in situations where the device is used in static location rather than on the move.

It has several powering options - 9-30v PoE-in by Ethernet port, DC jack and Automotive connector, meaning it is great for use in mobile devices like cars, buses, etc.

The device is weatherproof so can be mounted externally. It has a small stand for a desk if you prefer.

Go+

The Go+ weatherproof device features a CAT6 modem with high speed CPU, extra memory, and dual 10/100/1000 Gigabit Ethernet ports making it the fastest portable product available to date. It can be powered using PoE from 802.3af/at power sources (12v, 24v or 48v). It features dual concurrent 2.4 & 5ghz Wi-Fi (802.11a/b/g/n/ac) with 2x2 MIMO meaning faster more efficient wireless with less interference than the Go.

	One	Business	Mobile
Maximum Number of Data Sims	Two	Twelve	One
Primary Hardware	**Outdoor Device:** Professional LTE chip with integrated directional high gain antenna. Mounted externally. + **Indoor Controller Device:** Business class firewall, router and Wireless Controller with integrated WiFi access point for 2.4GHz and 5GHz (Dual concurrent 802.11 a/b/g/n/ac)	**Outdoor Device:** Professional LTE chip with integrated directional high gain antenna. Mounted externally. + **Indoor Controller Device:** Enterprise class Firewall, Router and Wireless Controller with gigabit ethernet ports & fibre SFP/SFP+ available to connect LAN or WAN.	**Outdoor/Indoor Device:** Two internal antennas. Wireless access point with built in cellular modem for 4G (LTE) connectivity. 2.4GHz WiFi (2x2 MIMO - 802.11 bgn) 10/100 Ethernet LAN port for wired devices.
Other Technical Features	Load Balanced, Auto failover. Central WiFi Controller. Active WiFi included in Controller unit. Statistics and graphs. **One+** version provides Gigabit Ethernet, Fibre SFP and Improved 3x3 MIMO WiFi access point (Dual concurrent 802.11 a/b/g/n/ac)	Load Balanced, Auto failover. Central WiFi Controller. Statistics and graphs. **Power** version provides a PoE out supply for additional indoor access point. **Power, Pro and Core** versions do not include active WiFi within controller. **Pro WiFi** version provides 7 x Gigabit LAN ports and 1x SFP+, 4x4 MIMO Dual concurrent WiFi Access point (802.11 a/b/g/n/ac) **Core** version provides multicore processor with VPN core offload and dual power supply.	Powering options include 9-57V PoE-in by Ethernet port, DC jack and Automotive connector. Statistics and graphs. **Go+** version provides CAT6 LTE Modem, dual Gigabit Ethernet and WiFi access point for 2.4GHz and 5GHz (Dual concurrent 802.11 a/b/g/n/ac)
Bespoke Options	Multiple WiFi SSIDs. Guest WiFi. Multiple Networks including VLAN configurations. Traffic Prioritisation & Direction. VPN Site-to-site or Remote User. Content Filtering Services.	Multiple WiFi SSIDs. Guest WiFi. Multiple Networks including Vlan configurations. Traffic Prioritisation & Direction. VPN Site-to-site or Remote User. Content Filtering Services.	Multiple WiFi SSIDs. Guest WiFi. Multiple Networks including VLAN configurations. VPN Site-to-site or Remote User. Content Filtering Services.
Add-ons	Add up to 15 access points to extend internal and external coverage. Static Public IP	Add hundreds of access points (Depending on model) to extend internal and external coverage. Static Public IP	u.FL connectors enables addition of external LTE antenna for larger coverage. Static Public IP
Used for:	Small to Medium size homes. SoHo Business Premises. Agriculture, Telemetry, CCTV. Event WiFi. Portacabin Offices.	Medium to Large Homes or Offices. Larger Premises Area requiring Eetended WiFi Coverage. High Volume / High Density site locations offering Guest WiFi portal access e.g. Campsites and Hotels. WAN Connectivity failover for existing networks.	Pop-Up Retail Stand; use Chip & Pin, mobile EPOS. Event WiFi. Mobile Office. Marine, Buses, Coaches & Taxis. Agriculture, Telemetry, Haulage. Temporary CCTV.
Hardware Warranty	12 Months standard (Extendable)	12 Months standard (Extendable)	12 Months standard (Extendable)
Monitoring	Available	Recommended	Available

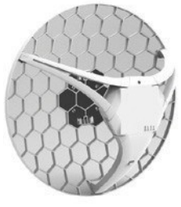
Add-ons

Additional Outdoor Unit - Standard

The standard Outdoor Unit with Dual SIM slots incorporates a Category 6 LTE modem which enables carrier aggregation and allows the device to use multiple bands at the same time.

The professional LTE chip and high gain antenna enables it to provide connectivity cannot. It has a dual fast Ethernet port with passive PoE passthrough on port 2. It delivers speeds of up to 300Mbit/s downlink and 50Mbit/s uplink.

The LTE modem supports International LTE bands 1 / 2 / 3 / 7 / 8 / 20 / 5 / 12 / 17 / 25 / 26



Additional Outdoor Unit - Long Range

The long range Outdoor Unit holds one SIM and has a 10/100 Ethernet port for connectivity. The increased sensitivity and high performance of the CAT6 modem can deliver speeds up to 300Mbit/s Downlink, 50Mbit/s Uplink.

It improves connectivity speeds at longer distances or in areas with very weak and it will even connect to the 4G network in areas where the mobile phone signal fails. This makes it ideal for extreme or hard to reach rural locations.

The LTE modem supports International LTE bands 1 / 2 / 3 / 7 / 8 / 20 / 5 / 12 / 17 / 25 /

Powerline Adapters

Recommended powerline adapters for extending reach on premises without structured cabling.

Features:

- 200AV Smart Link home plug AV2
- x Gigabit Ethernet Ports & 2 x patch cables supplied.
- iltered mains passthrough socket
- ug and Play hassle free installation.
- ush button for SimpleConnect

NB: Not all powerline adapters are the same and not like for like, adapters can interfere with each other. It is recommended to only use one type of adapter within a premises for optimal performance.

cAP One+

The cAP One+ is a very capable and powerful wireless access point that looks beautiful on both walls and ceilings. The concurrent dual band wireless radio supports dual chain 2 GHz and 5 GHz in 802.11ac and legacy standards and will provide coverage in 360 degrees around

Even though the radio supports repeater mode, the two Ethernet ports give you the ability to extend your network with cables even if PoE power is required since the cAP ac supports 802.3af/at PoE input on the first port and passive PoE output (up to 57V) on the second

wAP One+ (weatherproof)

The wAP One+ is a small weatherproof wireless access point for your mobile devices, perfect for installation outside your premises where you need wireless access from your phone or computer. The device has one Gigabit Ethernet port, it supports 802.11ac technology with Dual concurrent 2x2 MIMO 2.4GHz & 3x3 MIMO 5ghz radios (802.11 a/b/g/n/ac)
It looks unobtrusive and sleek and is

The wAP One+ (Weatherproof) can be fixed to any external wall from the inside of the case so that it is securely attached to its mounting location. The bottom door can also be secured with a special screw which can only be opened by the owner.

It is also possible to run the Ethernet cable directly behind the unit, to inside the wall as there is a special opening on the back of the case. This way, the unit

AP One^2

The AP One^2 is a dual band access point, that provides WiFi coverage for 2.4 GHz and 5 GHz frequencies at the same time. Five 10/100/1000 Ethernet ports provide Gigabit connections for your wired devices.

The universal case design allows the device to be positioned either horizontally (desktop) or vertically (tower case). A wall anchored mounting

Features:

- ual chain wireless 2.4 GHz
- ual chain wireless 5 GHz
- core 716 MHz CPU
- 28 MB of RAM
- ve x 10/100/1000 Mbps Ethernet ports
- sec Hardware encryption

The AP One^2 can be powered from the power jack or with passive PoE from a PoE injector. Power adapter is included.

AP One+

This is a dual band home or office wireless access point with Gigabit ports that allow the full advantages of 802.11ac speed, while maintaining compatibility with legacy devices in 2GHz 802.11 b/g/n and 5GHz a/n modes.

The omnidirectional antennas ensure good coverage for the mobile devices in your premises.

Other helpful features include PoE output on the last Ethernet port, to

adapter and an SFP cage, for connecting active or passive optical network modules.

- x3 MIMO wireless 2.4 GHz
- x3 MIMO wireless 5 GHz
- 20 MHz CPU
- 28 MB of RAM
- ve Gigabit Ethernet ports
- FP cage
- assive PoE output on port 5

Audience Mesh WiFi

Unlike other mesh WiFi solutions, this product utilises an independent 3rd Wireless radio for the backhaul mesh link between devices. This means that the mesh radios are dedicated to the task of providing great inter-device links, leaving

dual concurrent radios available purely for your device access.

Each of these attractive devices has dual gigabit ethernet ports for local access. If you need to extend your network, just add more until your home is completely

Add-ons Specifications

	Outdoor Unit Standard	Outdoor Unit Long Range	Powerline Adapter (UK)	cAP One+	wAP One+ (Weatherproof)	AP One[2]	AP One+	Audience Mesh WiFi
CPU Nominal Frequency	650MHz	716 MHz	650 MHz	716 MHz	720 MHz	716 MHz	720 MHz	716MHz
Size of RAM	64MB	128 MB	64 MB	128 MB	64Mb	128MB	128 MB	256MB
10/100/1000 Ethernet Ports	2	1	2	2	1	5	5	2
Wireless Bands	LTE modem supports International LTE bands 1, 2, 3, 7, 8, 20, 38 and 40.	LTE modem supports international LTE bands 1, 2, 3, 5, 7, 8, 12,17,20,25 and 26	—	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz
Protocols	—	—	—	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11b/g/n 802.11a/n.ac
MIMO	—	—	—	2x2	3x3	2x2	3x3	4x4
Antenna Gain	9dBi	21dBi	—	2.5dBi	2.5dBi	2.5dBi	2.5dBi	2.5dBi
Antenna Beam Width	60˚	25˚	—	360˚	360˚	360˚	360˚	360˚
PoE in	Yes	Yes	No	Yes	Yes	Yes	Yes, Passive 11-57V	Yes
PoE out	Passive PoE up to 57V Ethernet port 2		No	Passive PoE up to 57V Ethernet port 2	—	—	Passive PoE up to 24V Ethernet port 5	—
Support Input Voltage	Passive12-57V, 802.3at/af (PoE Only)	Passive12-57V, 802.3at/af (PoE Only)	Switch mode 85VAC to 265VAC 3-pin plugs with Pass-through	802.3at/af, 11-57V (Jack or Passive PoE)	802.3at/af, 11-57V (Jack or Passive PoE)	Passive PoE 18-28V DC Jack 12-30 V	11 V - 57V (Jack or Passive PoE)	802.3at/af, 11-57V (Jack or Passive PoE)
Dimensions	140 x 140 x 103 mm	391x391x227mm	62 x 122 x 41 mm	Round case -136 mm, height: 30 mm; Square case: 145 mm x 145 mm x 30 mm	185 x 85 x 30 mm	34 x 119 x 98 mm	114 x 137 x 29 mm	251 x 129 x 39mm
Max Power Consumption	5W	6W	—	13W	12W	15W	17W	27W
SIM Slots	2 x (Mini SIM)	1	—	—	—	—	—	—
Operating Temperature	-40°C to +60°C	-30°C to +70°C	—	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +70°C	-30°C to +60°C

Network Switches

H1 Home Network Switch

The H1 is a five-port gigabit Ethernet switch to provide Power Over Ethernet (PoE) to other devices. The switch has an SFP cage for adding long distance fibre connectivity. Ports 2-5 can power other passive PoE capable devices.

The switch comes pre-programmed to integrate with your system, it is small and easy to use but at the same time comes with a very powerful 800MHz CPU for effective high speed data connectivity with less power adapters and cables to worry about for additional access points.

Max current is 1A per port if input voltage is 12- 30V, 450mA if 31-57V. 24v power supply included.

M1 Office Switch

The M1 Office Switch is an eight port Gigabit PoE switch, that offers different power output options: autosensing 802.3af/at PoE/PoE+ and Passive PoE. Four SFP ports provide optical fibre connectivity options to support links.

M1 Office Switch is equipped with 12 independent switching ports. 28 V 3.4 A power supply is already included in the box. There is a secondary DC jack on the back of the enclosure that supports 48-57 V power supply (not included, can be purchased separately). M1 Office Switch can power 802.3af/at devices if 48-57 V DC input is used (unit will automatically detect and provide correct power to devices). Max current is 1 A per port if input voltage is 18-28 V, 450 mA if 48-57 V. Total limit is 2.8A@24V and 1.4A@48-57V.

Features:

- x SFP Fibre cages
- ilent operation, fanless design
- 6K host table
- EE 802.1Q VLAN
- upports up to 4K simultaneous VLANs

E1 Enterprise Switch

The E1 is a 24 port Gigabit Ethernet switch with two SFP+ ports. It gives you all the basic functionality of a managed switch, and more. You can manage port-to-port forwarding, apply MAC filters, configure VLANs, mirror traffic, apply bandwidth limitation and even adjust some MAC and IP header fields. The SFP cage supports both 1.25 Gb SFP and 10 Gb SFP+ modules.

Features:

- 6K host table
- EE 802.1Q VLAN
- upports up to 4K simultaneous VLANs
- ort isolation
- ort security
- ccess Control List

E2 Enterprise PoE Switch

The E2 is an independent 28 port switch, it has 24 Gigabit Ethernet ports, which offer different power output options: Passive PoE, low voltage PoE, 802.3af/at with auto- sensing. Each port can provide up to 30W of power with any power output option you choose. The four SFP+ ports provide up to 10 Gbps connectivity options via either optical fibre or Ethernet modules (not

E2 comes in a 1U rackmount case with built-in 100-240 V AC 500 W power supply. The device consumes up to 44W leaving guaranteed 450W (3x150 W per every 8 Ethernet ports) to power your PoE devices.

Features:

- 6K host table
- EEE 802.1Q VLAN
- upports up to 4K simultaneous VLANs
- ort isolation
- ort security
- ccess control list
- 0218-byte jumbo frames support
- EEE 802.3ad and static link aggregation

Network Switches - Specifications

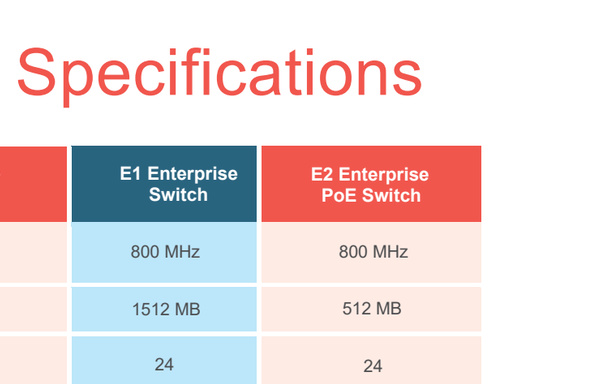
	H1 Home Network Solution	M1 Office Switch	E1 Enterprise Switch	E2 Enterprise PoE Switch
CPU Nominal frequency	800 MHz	400 MHz	800 MHz	800 MHz
Size of RAM	128 MB	512 MB	1512 MB	512 MB
10/100/1000 Ethernet Ports	5	8	24	24
SFP cages	1	4	2 x SFP+	4 x SFP+
PoE out	Passive only, Port 2-5	Autosensing Passive and 802.3af/at with optional 48V PSU	-	Yes, Autosensing 802.3af/at & Passive 24V
Support Input Voltage	12 V - 57 V	2 x DC Jacks 18-28 V / 48-57 V	9 - 30 V (jack or passive PoE)	100 - 240 V
Dimensions	114 x 137 x 29 mm	200 x 143 x 40 mm	440 x 144 x 44 mm	443 x 305 x 44 mm
Max Power Consumption	9W	10W	24W	44W
Console Serial Port	—	RJ45	RJ45	RJ45
Operating Temperature	-40°C to +60°C	-20°C to +60°C	-40°C to +60°C	-20°C to +60°

Monitoring

When you can see which applications are using most of the connection you can effectively manage data consumption.

You can also use our monitoring to view important issues such as uptime and traffic levels, bandwidth usage of routers on a port-by-port basis, as well as device readings such as memory and CPU load.

It can be extended to provide additional full monitoring of all your systems and devices in your LAN infrastructure.



Our Monitoring uses Simple Network Management Protocol (SNMP) to gather bandwidth and network usage data from the Hardware.

It has an easy-to-use web interface with live graphs and custom reports. It is easy to set up and requires minimal bandwidth and CPU cycles.

Product Licence, Technical Support & Warranty

The Product License gives you access to technical support for your devices, the newest features via updates, firmware revisions and security protection.

It also gives you access to SPanel, the cloud management portal that allows you to make device changes to your site. This includes local LAN IP address settings, DHCP settings and reservations, port forwarding, Wireless SSID, passwords and access control lists.

The Product License has been designed to allow you to easily renew and scale your devices to fit your changing needs. The base product license is annual and commences with the original purchase, additional units can be added and are co-termed with hardware already on the license. If the devices under license need to be changed, for example after an upgrade, this can be easily managed ensuring all your devices remain fully supported.

Automatic renewal reminders are sent to administrator users to help ensure the license does not lapse.

Technical support includes:

- ✓ Deployment of bug fixes.
- ✓ System and configuration upgrades and updates.
- ✓ Firmware revisions and security protection.

First line technical support for incidents is provided directly to end users by Approved Resellers. Escalated support requests are made via Approved Resellers and includes:

- ✓ Help & support with data carrier. (only if our own data SIMs)
- ✓ Change of local IP range (Subnet).
- ✓ Investigate Wi-Fi connectivity issues. (only if our own equipment)
- ✓ Investigate CAP connectivity issues.
- ✓ Investigate Wireless Controller config / communication issues.
- ✓ Investigate internet connectivity issues when data is available;
    - ✗ Does not extend to 3rd party equipment
    - ✗ Does not extend to connectivity related to cabling by other installers
    - ✗ Does not extend to non-approved install
    - ✗ Does not extend to the use of the incorrect power supply
- ✓ Set static DHCP reservations for LAN devices and associate to access control address lists (ACLs).
- ✓ Per Access Point channel/frequency management for 2.4 & 5GHz networks.

Change requests and support outside of the above parameters is not included in the product license fee and may incur charges.

All hardware comes with a standard 12 month manufacturer warranty.

Partner

Approved Resellers sell our products. Accredited Installers install our products.

By purchasing your product through an Approved Reseller you are ensuring local contact and support for your system.
Our partners can help guide you to purchasing the right equipment for your needs and co-ordinate your installation using Accredited Installers. You can install the products yourself if you prefer.

Accredited Installers ensure your hardware is installed correctly using the right materials to give you maximum connectivity speeds and beautiful Wi-Fi.

To find a Approved Partner simply email us.

social-i

Do you want to offer your guests and visitors free or paid for WiFi at your venue or whilst using your mobile assets such as boats, buses or taxis? Do you want to collect their social and other data and use it to market back to them? Social-i will enable you to do just that!

Branded login pages of your choice can be displayed to guests who want to get online using your WiFi. They connect using their preferred social network or a standard form and Social-i captures their details and builds your customer database.

Social-i enables you to get more likes, followers and reviews. You can engage with your customers by promoting your services, offers and rewards. Create loyalty and drive more profits!

The cloud based WiFi platform that enables easy internet access for your guests, real time customer engagement and a suite of marketing tools and reports.

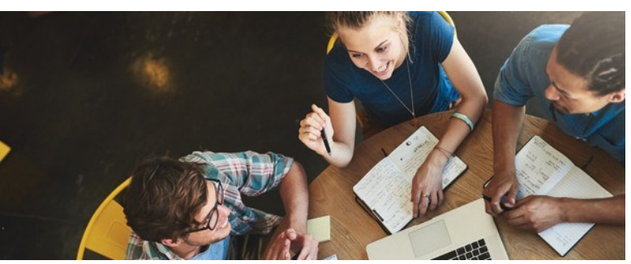
Provide Guest WiFi that is safe, secure, simple to manage and allows users to get online with minimum effort.

Improve your guests' experience, increase customer satisfaction and loyalty, generate additional revenue.

Guests and visitors can log in with ease via forms, social media, vouchers, or one-click quick connect. You have full control over the service tiers, charges, the amount of available bandwidth and time online. All of the data collected is stored in the dashboard and can be used for targeted guest engagement or as part of ongoing marketing campaigns.

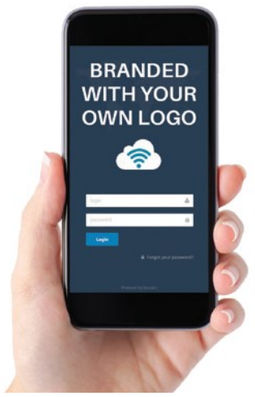
Give your customers a more personalized experience by using targeted and automated marketing campaigns. After a user has registered and logged into the Wi-Fi, they receive emails or SMS promoting your products and services. Links, ads, surveys and other content can be placed in the user's browser as they surf the internet.

The Admin Portal is an easy-to-use management tool that gives you the ability to choose how your guests or visitors access the Internet and informs you precisely what is happening on your network.



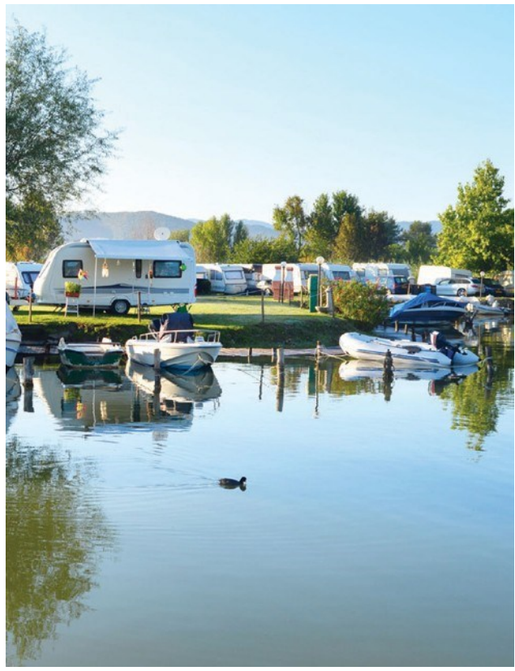
Key Features

- Guest access to the Internet from a portal branded with your company logo, promotions and localised content.
- Bespoke branded portals for specific events, sites or zones to deliver highly tailored content.
- Detailed analytics and reports about WiFi users including demographics, frequency of visits, and type of Internet access.
- WiFi made easy; customers can login without the need for a captive portal. It's just like WiFi at home.
- A robust WiFi infrastructure designed to handle peaks and troughs in usage.
- Control over charges for WiFi and any limits required on duration and bandwidth.
- Full integration with your Property Management System, CRM and email marketing platforms.
- A way for visitors to log in using their favourite social network, traditional form or membership number.
- Full compliance with European legislation on lawful Intercept, ensuring you are not liable should illegal activity be carried out by guests on your network.
- Gain user consent in compliance with GDPR.



Key Benefits

- A continuous branded experience that serves as a constant reminder of your values and USPs and enhances the customer experience.
- The means to generate additional revenue.
- Access to customer data and intelligent analytics.
- The ability to deliver real-time and highly targeted marketing campaigns to create new revenue opportunities and timely customer communications.
- Improved customer satisfaction as a result of fast broadband even when demand is high.
- Flexibility and control over what you charge and the type of Wi-Fi service you wish to provide.
- Hassle-free internet for your guests for the duration of their visit or stay.
- A dramatic increase in brand exposure, customer loyalty & engagement through the power of social networking.
- Peace of mind that your network is protected.



For more information contact your nearest technical reseller: