



## Company Profile

ALFA Network Inc., a global leader in WiFi technology and networking innovation, offers simple, cost effective alternatives to other more complex and expensive solutions.

With the traditions of Made-in-Taiwan (MIT) product design, premium quality, and stability, ALFA Network has established itself at the forefront of industry trends and customer demand. Designed for use in a wide range of application from indoor home or office use to outdoor camping, motorhome or sailing. ALFA products are equally suitable for more professional installations such as for corporate, government and educational institutions.

WiFi and 4G communication peripherals from ALFA Network are TAA compliant and provide secure, dependable networking for use anywhere.

Information regarding ALFA and RFShop can be found on [www.rfshop.com.au](http://www.rfshop.com.au).

For additional information, a complete list of available products (even if not listed on RFShop's website) and up-to-date instructions, please visit [www.alfa.com.tw](http://www.alfa.com.tw).

As a local representative in Australia RFShop will be able to bring any products found on the ALFA website to Australia on our next shipment from ALFA.

## Indoor WiFi

Historically, ALFA is best known for their indoor WiFi USB Adapters.

With great success in Australia due to of their superior RF performance and support for Kali Linux, the latest version of indoor WiFi USB adapters range from 2.4GHz 802.11n up to Dual-Band MIMO 802.11ac models. ALFA is always improving their models and the current list of options could be outdated within a few months!



These products are complemented by ALFA Network's own antenna range as well as Black Art Technologies' selection of specialised designs.

## WiFi & 4G CAMP Pro 2

The CampPro products are presented in a ready-to-use kit including an outdoor antenna and modem (Tube), connected via a 5m USB cable to the indoor WiFi router (R36A).

The WiFi CampPro will connect to an existing WiFi network and create a new indoor network, allowing multiple devices to connect to the newly created WiFi network.

The outdoor Tube is a high power and ultra-sensitive device and can connect to a weak remote WiFi network in instances where typical devices such as your phone or laptop is not able to even identify the remote network. An optional antenna upgrade will further improve the performance of the WiFi CampPro, making it ideal for all applications where a WiFi repeater is required, such as motorhomes in a camping site, sailboat in a marina, outdoor building on a large block of land or connecting two distant buildings or sites using a simple and single WiFi network.



The 4G CampPro uses the exact same principle, but the outdoor Tube is a 4G modem instead of a WiFi modem. This will give the end-user much more mobility and can connect to a 4G network (all Australian Networks are supported) and create a local WiFi network with the added flexibility of upgrading antennas on both the 4G and the WiFi side of the 4G CampPro.



## Tube 2HP & Tube UN

The Tube 2HP is outdoor Access Point supporting data rates up to 150Mbps (IEEE 802.11n). Correctly installed, it is IP68 compliant. The Tube 2HP is powered via 48V PoE, and the device can be software configured to operate as router, repeater or receiver.

The default antenna port is N(Male), meaning this device can be configured to suit a wide range of wireless setups using ALFA or other antennas on offer by RFSshop and Black Art Technologies.

RFSshop offers the Tube 2HP as a standalone device or in a kit that includes Ethernet cables, PoE supply and an omni antenna. In its most basic form, the kit will allow any user to create a new WiFi network from an existing Ethernet port, solving the simple question: "How can I improve my WiFi network when my router has no external antenna ports".



The Tube-UN is the new generation of outdoor USB WiFi adapters. Supporting 802.11n, the USB adapter is a powerful transmitter and allow the end-user to connect to WiFi networks that would otherwise be impossible to use. The typical antenna on offer with the Tube-UN is a 9dBi omni, but can be replaced with a directional antenna for users who always know where the remote WiFi network is located that they are



## Antennas

ALFA has a range of antennas to complement their WiFi and 4G products.

RFShop presents a selected range of the ALFA antennas on our website, highlighting the main products that addresses needs in Australia.

Outdoor 5dBi or 9dBi 2.4GHz Omni antenna

Outdoor Dual-Band omni antenna (5dBi at 2.4GHz and 9dBi at 5.8GHz)

Above mentioned omni antennas all comes with N(F), N(M) or N(F) with Mounting Bracket



Elegant indoor directional antennas, suitable for 2.4GHz or Dual-Band USB adapters



Powerful outdoor MIMO Dual-Band panel antennas, usable for range of complex outdoor WiFi network setups

4G Omni antennas, suitable for general use 4G setups or a high performing Marine grade omni design

