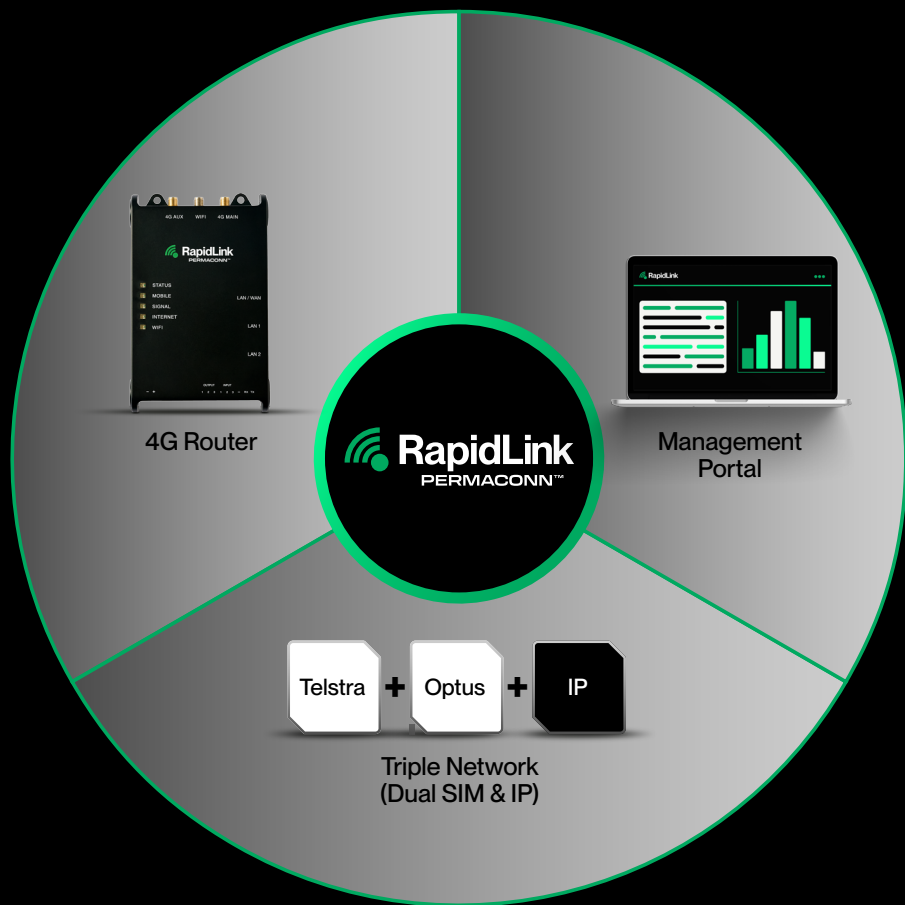


# 3 in 1 Router Service



Say goodbye to the hassle of managing routers, SIMs and telcos separately. We've combined our 4G RapidLink Router, triple network capabilities and management portal into one smart and simplified service. Delivered with triple network capabilities and 99.99% uptime, it's the smartest way to ensure seamless business continuity across all your connected devices.



## Unmatched Reliability

Plug and play solution with built in 4G connectivity. RapidLink delivers triple network redundancy (Dual SIM + IP path, should you require it), 99.99% uptime and ISO27001 security and cyber certification.



## Removed the Complexity

Our cloud-based portal, Permaconn Connect, simplifies router and SIM management into one place. While we manage telecommunication providers, Telstra and Optus, on your behalf as part of our Dual SIM offering, saving you an enormous amount of time.



## Greater Visibility and Control

Permaconn Connect portal provides remote device management and deeper levels of data and insight for both device and networks, enabling you make smarter decisions in real-time.



## Why RapidLink

**Ultra Secure:** Providing best in class cyber security standard adherence with ISO 27001 certification. Features embedded encryption for security, data protection and compliance.

**One Device, Flexible Plans:** Our data plans allow customers to change plans up, down, on or off in an instant providing ultimate flexibility.

**Compact Size:** Compact design with built in Watchdog, magnetised and DIN Rail mountable.

**Built to Last:** Engineered with durability in mind, RapidLink is built to last.

**Low-power Connectivity:** Including max power consumption of 1.5W (average) with connection open on cellular network.

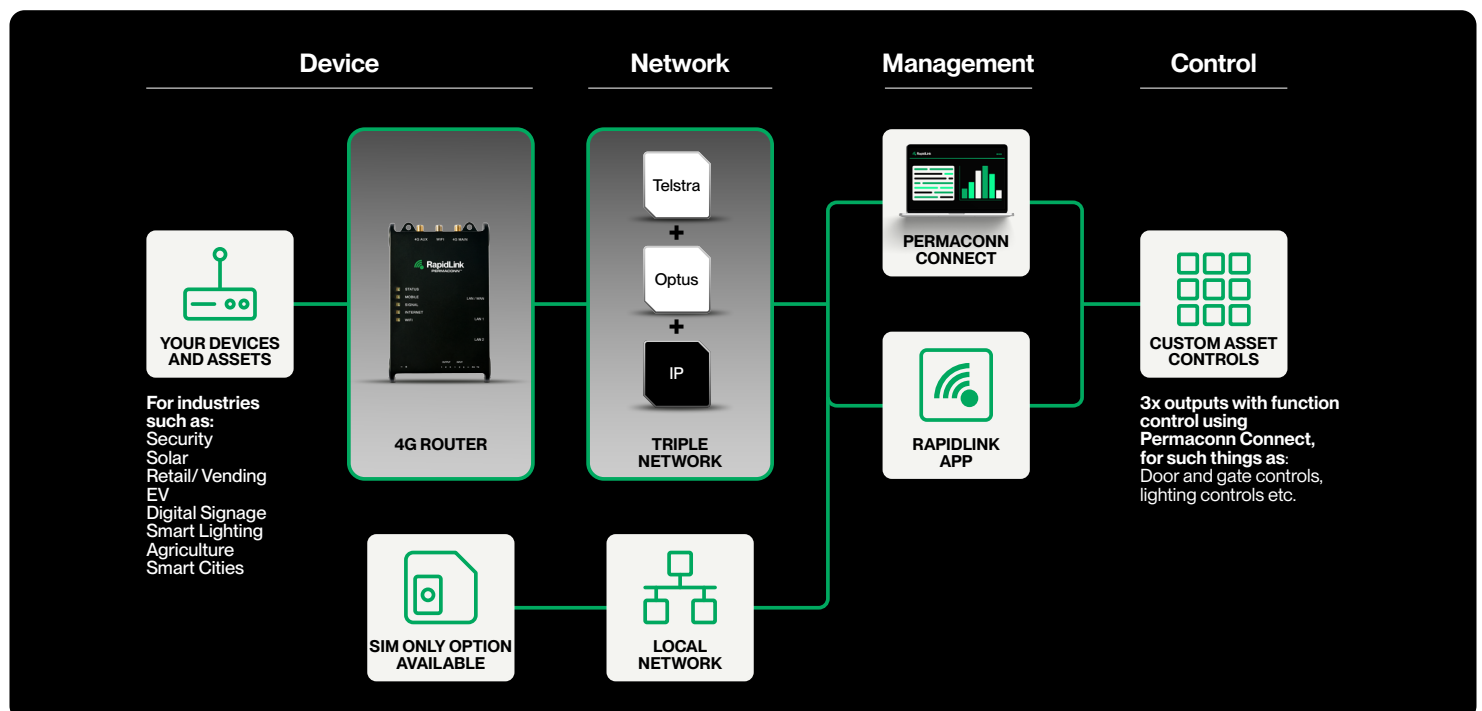
**Setup Secure & Independent Networks:** Ability to setup a secure and independent network. Both Permaconn-managed VPN service and 3rd party OpenVPN servers.

**Flexible Data Management:** Automatic Data Pooling available across your entire collection of RapidLink devices delivering effective management for multi-device setups.

Whatever the scale of your operations, you can manage all aspects of the RapidLink service through our secure, cloud-based portal Permaconn Connect. Offering 24/7 dedicated technical support, locally based in Australia, it's as responsive as it gets.

## Plug and Play Simplicity

RapidLink routers are compact, easy to mount and ready to use straight out of the box with built-in 4G connectivity (Telstra and Optus Dual SIM). Here's how they connect:



## RapidLink in Action

### Protecting Revenue from Vending Machines



#### Problem:

Failed tap-and-go payments annoy vending machine customers and impact sales.

Provender Canberra – part of a nationwide franchisor supplying vending machines – was losing revenue due to unreliable cellular coverage in some locations.

#### Solution:

RapidLink was installed across the business, providing dual-SIM 99.99% uptime, 24/7 secure remote management, and the reassurance of a reliable payment function.

“Setting up RapidLink from scratch is very easy. Adding each device through the portal is a simple process.”

**Nicholas Pardy**  
Franchise Operator, Provender Canberra

### Delivering Secure and Reliable Connectivity for Solar



#### Problem:

A long-standing problem with solar PV systems, particularly in commercial settings, is that customers have no way of knowing how well their systems are performing. It can be hard to identify if solar panels become less efficient or stop working altogether – undermining the return on investment.

#### Solution:

AC Solar Warehouse supplies RapidLink routers with all its systems to enable secure, remote access to the hardware while providing performance, error and consumption data.

RapidLink multi-path connectivity delivers optimum coverage and reliability.

“We looked into a few products and RapidLink by Permaconn was by far the most advanced. They are able to tailor solutions for us, which is really handy.”

**Tom Peters**  
Key Account Manager, AC Solar Warehouse

## Specifications:

| Hardware:                   |                                                                                                     |                                                                                                                                                                                                                                                                                                  |
|-----------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards and Protocols:    | IEEE 802.11b/g/n                                                                                    |                                                                                                                                                                                                                                                                                                  |
| Interface:                  | 10/100Mbps                                                                                          |                                                                                                                                                                                                                                                                                                  |
| Antennas:                   | 2 x cellular 4G (MIMO)<br>1 x 2.4Ghz Wi-Fi<br>Dual-band detachable antennas                         |                                                                                                                                                                                                                                                                                                  |
| Network Media:              | 1 x 10/100 WAN/LAN port<br>2 x 10/100 LAN ports                                                     |                                                                                                                                                                                                                                                                                                  |
| Surge Protection:           | 1.5A internal resettable fuse                                                                       |                                                                                                                                                                                                                                                                                                  |
| Dimensions:                 | 110mm (h) x 25mm (d) x 80mm (w)                                                                     |                                                                                                                                                                                                                                                                                                  |
| Weight:                     | Router: 180g<br>Antennas + Magnetic Mounting Board: 140g                                            |                                                                                                                                                                                                                                                                                                  |
| Mounting:                   | 2 x (20mm x 2mm) magnets within the device. Desktop. Wall mounting. DIN mounting (sold separately). |                                                                                                                                                                                                                                                                                                  |
| Button:                     | Reset button (the flat head green screwdriver provided is fit for purpose)                          |                                                                                                                                                                                                                                                                                                  |
| Power:                      |                                                                                                     |                                                                                                                                                                                                                                                                                                  |
| Consumption (Idle):         | 0.12A @13.8V DC                                                                                     |                                                                                                                                                                                                                                                                                                  |
| Consumption (Transmitting): | 0.35A @ 13.8V DC                                                                                    |                                                                                                                                                                                                                                                                                                  |
| Max Power Consumption:      | 1.5W (average) with connection open on cellular network                                             |                                                                                                                                                                                                                                                                                                  |
| Supply:                     | 10 – 15V DC Power Adaptor                                                                           |                                                                                                                                                                                                                                                                                                  |
| Other Specifications:       |                                                                                                     |                                                                                                                                                                                                                                                                                                  |
| Ethernet:                   | Ports                                                                                               | 3 x RJ-45 ports                                                                                                                                                                                                                                                                                  |
|                             | Physical layer                                                                                      | 10/100 Base-T                                                                                                                                                                                                                                                                                    |
|                             | Data rate                                                                                           | 10/100 Mbps                                                                                                                                                                                                                                                                                      |
| Frequency:                  | 4G LTE-FDD                                                                                          | Frequency:<br>B1(2100MHz), B2(1900MHz), B3(1800MHz), B4(1700MHz), B5(850MHz), B7(2600MHz), B8(900MHz), B28(700MHz)Bandwidth:<br>Max 150Mbps (DL) Max 50Mbps (UL)                                                                                                                                 |
| Auxiliary:                  | Input                                                                                               | 3 x inputs, state change detected every second EOL 3.3K                                                                                                                                                                                                                                          |
|                             | Output                                                                                              | 3 x open collector outputs @ 50mA (max). Function control using RapidLink web portal, mobile app and RESTAPI.                                                                                                                                                                                    |
| Network:                    | Routing                                                                                             | IP pass-through; NAT, IP port forwarding; DHCP; DNS client and server.                                                                                                                                                                                                                           |
|                             | Failover                                                                                            | Automatic failover/ failback from IP (WAN) to 4G                                                                                                                                                                                                                                                 |
| VPN:                        | OpenVPN                                                                                             | OpenVPN Client v2.5.3, compatible with the Permaconn-managed VPN service and 3rd party OpenVPN servers                                                                                                                                                                                           |
| Firmware:                   | Update                                                                                              | Over the air                                                                                                                                                                                                                                                                                     |
|                             | Keep settings                                                                                       | Update firmware without losing current configuration                                                                                                                                                                                                                                             |
| Device:                     | Management                                                                                          | Remote configuration (include email and push notifications) via RapidLink web portal                                                                                                                                                                                                             |
|                             | App                                                                                                 | Available to download at App Store and Google Play<br>iOS 12.0+<br>Android 6.0+                                                                                                                                                                                                                  |
| Other:                      | Certification                                                                                       | RoHS and RCM                                                                                                                                                                                                                                                                                     |
|                             | What's in the box?                                                                                  | RapidLink RL10 router, Three core antenna set (2 x 4G and 1 x Wi-Fi), Euro style terminal plug (1 x 2 Pin and 1 x 9 Pin), 3 x 3.3kΩ 'end-of line' resistors for use with input monitoring, flat head green screwdriver, 1 x metal ground plate (1mm(h) x 200mm x 80mm), quick installation guide |
|                             | Environment                                                                                         | Operating temperature: 0-50°C                                                                                                                                                                                                                                                                    |
|                             | Ownership                                                                                           | Australian owned and managed                                                                                                                                                                                                                                                                     |



## Contact Us:

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