📱 Quad-SIM / Triple Path - setting a new standard of connectivity in UK&I

⇄ Flexible Plans - offering instant grade-shifting for ARCs via ATLAS software

✓ Industry-Leading Cyber Security - ISO-27001 (2022) compliant

Connectivity Made Easy

SecureLink is a UK&I-first Quad-SIM, triple path communicator, which brings a new level of flexibility, simplicity, and reliability to fire and security alarm signalling.

For 25 years our goal has been to create the smartest and most intuitive connectivity solutions for our partners and end customers globally.

- **2 million+ connected services worldwide**
- **400,000+ fire and security-protected buildings**
- Mission-critical industries, governments and essential service
- Built and manufactured in the UK&I, Permaconn products are engineered to deliver:
  - **99.99%** uptime, delivered through superior engineering and design, coupled with industry-first Quad SIM / triple path capability
  - ISO 27001-certified network and 24/7 service assurance

Why SecureLink?

One Device. All Plans.

- A single device covers all security plans — no pre-configuration for either plan or site details required by ARCS.

- Seamlessly shift across any grade, any path, anytime (SP2, SP4, DP2, DP2+, DP3, DP4), actioned directly by ARCs via Permaconn software – no need to contact Permaconn to action a change

| SP2 | SP4 | DP2 | DP2+ | DP3 | DP4 |

Permaconn dual path plan + LAN can be configured for triple path at no additional cost.

Unmatched Reliability

- Triple redundancy: **IP + Dual Radio + Quad SIM**

- Products are **reusable and built to last**

Industry-leading ESG Outcomes

- Reactivation possible even years after cancellation

- Deactivated units can be re-deployed at new sites with software-based configuration. No need for pre-configuration by ARCs or Permaconn

Install & Activate in Under 10 Minutes

- Rare earth magnets, pre-configured connector looms, removable terminals significantly reduce installation time – a high quality, error-free installation in under 10 minutes

- Compatible with all major panel brands.

- Activation via Atlas Cloud Platform: configure, view, grade-shift and manage estates remotely, 24/7

Simple and Cost-Effective Plans

- Simple, transparent plans at a more cost-effective level than currently available in UK&I

- No airtime fees until activation on-site — control costs and avoid onerous airtime pre-payments

- A collection of devices can be carried by installers without the hindrance of airtime fees, meaning installers are ready to make an installation at any site, any time for any plan (SP2 – DP4)

Permaconn Cybersecurity Framework

- **ISO 27001: 2022 certified**
- **Continuous monitoring:** 24/7 surveillance and threat detection
- **Independent penetration testing** and regular reviews
- **Private APN:** zero exposure to the public internet
- **End-to-end AES encryption** from device to ARC
- **Secure OTA firmware updates**
- **Resilience by design:** Quad SIM, triple-path communications, geographically dispersed UK data centres, and redundancy at every software layer

Explore SecureLink Features

- **Dual Radio + Quad SIM (global roaming) to provide a new standard in alarm connectivity for UK&I.** Triple-path is included in radio-radio plans at no additional cost.
- **Single & Dual Path 4G Connectivity**
- LAN-only, Radio/LAN, and Radio/Radio options
- **Dynamic grade & path shifting** anytime
- Remote panel configuration: **upload & download capability**
- High-quality SMA aerial connectors for robust connectivity
- Wide panel compatibility via:
  - **12-pin inputs with pin learning**
  - **2x serial integration options (RS232, RS485, TTL)**
  - **Dial capture** (rapid PSTN conversion)
- **3 digital outputs + 2 NO/NC relay outputs**
- **10VDC - 30VDC input voltage** (fire & security ready)
- **Rare earth magnets + pre-configured looms** for rapid, risk-free installation
- **AES encryption**
- **UK&I certified:** CE, UKCA, EN50136-compliant, and EN54 ready for fire alarm monitoring

Reporting Times: (EN50136-1, EN50136-2, EN50131-10, PD6662 and PD6669 compliant)

Category	SP2	SP4	DP2	DP2+	DP3	DP4
Path:	LAN only, Radio Only (Dual SIM)	LAN only, Radio Only (Dual SIM)	LAN + Radio (Dual SIM), Radio + Radio (Quad SIM)	LAN + Radio (Dual SIM), Radio + Radio (Quad SIM)	LAN + Radio (Dual SIM), Radio + Radio (Quad SIM)	LAN + Radio (Dual SIM), Radio + Radio (Quad SIM)
Primary Path Reporting Time:	60 Min	3 Min	30 Min	10 Min	3 Min	90 Min
Secondary Path Reporting Time:	Not Applicable	Not Applicable	60 Min	20 Min	30 Min	3 Min

* SIMs are capable of roaming to the 4 major providers in the UK&I (EE, Vodafone, O2, Three (3))

Permaconn Cybersecurity Framework

Housing Material:	ABS plastic – green
Dimensions:	110mm (h) x 25mm (d) x 80mm (w)
Weight:	180g
Operating Environment:	Operating Temperature: -10 to 60 deg C Operating Humidity: 15% to 85% non-condensing
Antenna:	2 x Antennas for Cellular
4G-LTE-FDD:	Frequency: B1(2100), B3(1800), B7(2600), B8(900), B20(800), B28(700), B32(1400), B40(2300)
Bandwidth:	Bandwidth: Max 10Mbps (Download), Max 5Mbps (Upload)
Dial Capture Modem:	2400 baud modem
Management:	Remote configuration via Atlas Web Portal
Failover:	Automatic failover/Fallback to second cellular modem, second cellular sim, Ethernet
Power:	14.5 VDC(nominal), Operating range 10VDC - 30VDC
Current Draw:	Standby: 0.12A @12VDC; Transmitting: 0.35A @12VDC
Serial Port:	Dual Serial interface: RS232/RS485 and TTL/RS232
Aux Inputs:	12 x 24hr inputs (change of state detected per sec.) 3k3Ω EOL resistor Voltage range: 30VDC
Aux Outputs:	3 x 12 VDC -ve open collector outputs: 50mA Max 2 x Form C relays Max voltage: 30vDC Max current: 1A Control via Atlas Web Portal and Pocket Secure
IP interface:	WAN interface (10/100 Base T) Support Static and DHCP IT firewall settings: Ensure outbound UDP traffic to the following IP addresses and ports are allowed: 18.171.2.92:55300, 13.43.119.99:55300, and 18.171.2.92:55530
Mounting:	Magnets Din Rail Mount Kit (Sold Seperately)
Warranty:	2 years (from date of activation)
Approval:	FCC, CE, UKCA, RCM, CA RED
Data Security:	AES encryption, ISO 27001:2022, GDPR
RF Specification:	LTE Band 1 (1920 - 1980 MHz): Max Power 25dBm, LTE Band 3 (1710 - 1785 MHz): Max Power 25dBm, LTE Band 5 (824 - 849 MHz): Max Power 25dBm, LTE Band 7 (2500 - 2570 MHz): Max Power 25dBm, LTE Band 8 (880 - 915 MHz): Max Power 25dBm, LTE Band 20 (832 - 862 MHz): Max Power 25dBm, LTE Band 28 (703 - 748 MHz): Max Power 25dBm, LTE Band 34 (2010 - 2025 MHz): Max Power 25dBm, LTE Band 38 (2570 - 2620 MHz): Max Power 25dBm, LTE Band 40 (2300 - 2400 MHz): Max Power 25dBm, LTE Band 41 (2496 - 2690 MHz): Max Power 25dBm, WCDMA Band I (1920 – 1980 MHz): Max Power 25dBm, WCDMA Band V (824 – 849 MHz): Max Power 25dBm, WCDMA Band VII (880 – 915 MHz): Max Power 25dBm, DCS1800 (1710 – 1785 MHz): Max Power 32 dBm, GSM900 (880 – 915 MHz): Max Power 35 dBm