CODAN
RADIO COMMUNICATIONS

ENVOY SMARTLINK™

↗ FEATURES AT A GLANCE

- **Advanced system support**
  - **Multiple radio control points**
  - **Up to 4 SmartLinks per Envoy radio**

- **Wireless and Ethernet access points**
  - **IP radio control and configuration**
  - **Data modem access**

- **Fully integrated**
  - **Easy to configure**
  - **Status LEDs**

- **Fit for purpose**
  - **Simplified installation**

- **Rugged and reliable**
  - **Designed for base and vehicular environments**
  - **More robust than COTS equipment**
  - **Designed to MIL-STD-810G**

Envoy SmartLink enables you to take advantage of the advanced IP and data capabilities of Envoy series radio.

ADVANCED SYSTEM SUPPORT

Envoy SmartLink simplifies creation of advanced radio installations, providing network connectivity, and allowing the installation of multiple control points (handsets or consoles). This provides the ability to support multiple personnel and locations from a single Envoy RF unit.

WIRED AND WIRELESS IP CONNECTIVITY

Envoy SmartLink provides an in-built 802.11 wireless access point, and two wired Ethernet ports. This provides a reliable, convenient and quick connection to Envoy for any IP connected device, such as a laptop using the Envoy's in-built data capability.
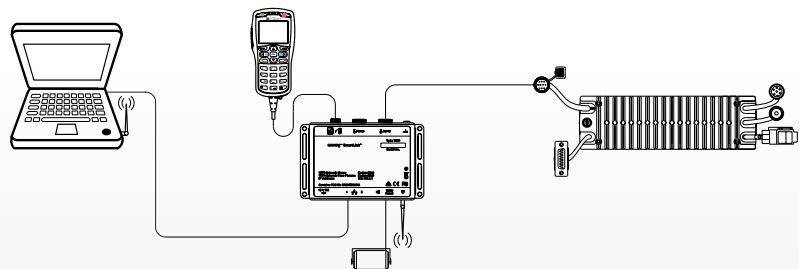
CASCADABLE FOR SYSTEM EXPANSION

Up to four Envoy SmartLinks can be connected to a single Envoy RF unit. This enables multiple geographically separated control points, for maximal flexibility. An in-built audio amplifier allows direct connection of loudspeaker to SmartLink, for handset applications.
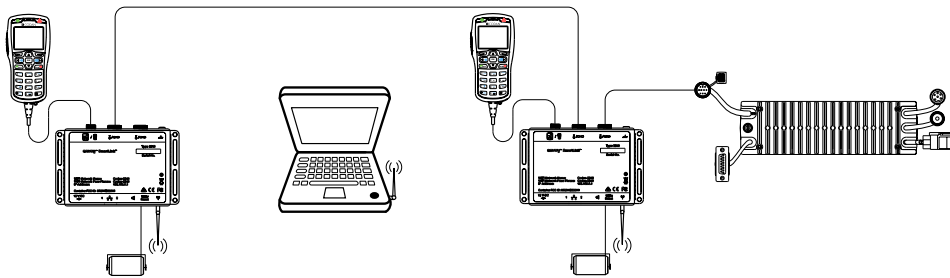
RUGGED AND RELIABLE

Unlike commercial off-the-shelf (COTS) router products, Envoy SmartLink is fully ruggedised to MIL-STD-810G, and features a machined aluminium housing.
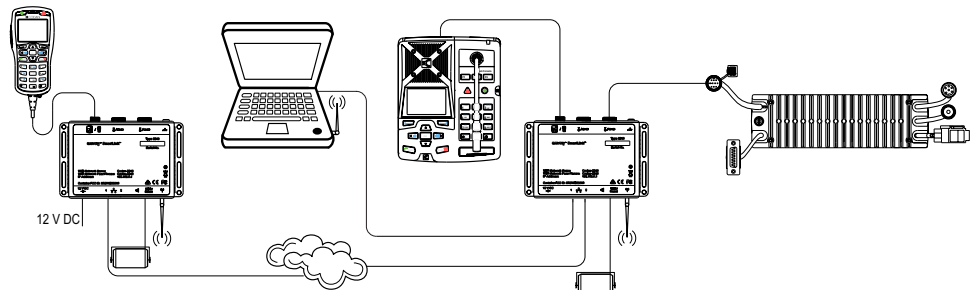
Direct Connection —— Single Control Point

Direct Connection — Dual Control Point

Networked Connection — Multiple Control Point

12 V DC

SPECIFICATIONS

GENERAL

Supported radios	Envoy X1, X2
Supported configurations	Up to 2 cascaded units (direct connection to Envoy RF Unit) Up to 4 cascaded units (external DC power source required)
Audio	4 W into 4 Ω, typical, <5% THD (connected Mk 2 handset required)
Compliance	CE, FCC, RCM
Environmental	Temperature -30 to +70 C, Humidity 0-95% RH, non-condensing MIL-STD-810G (Low pressure, Humidity, Fungus, Sand and Dust, Vibration, Shock)
Indicators and controls	3 tri-state LEDs (DHCP, WiFi, system status), combined reset / WiFi enabled switch
Configuration	DHCP server / client / static IP, set through embedded web browser
Size and weight	152 x 95 x 30 mm (6 x 3.7 x 1.2 in) 0.45 kg (1 lb)
Operating range	10.8 to 16 V DC, 240 mA (with no connections)

INTERFACES

Radio / link	2 x 10-way circular, proprietary
Wired Ethernet	2 x RJ-45, 802.3 i/u (10 / 100 Mbps)
Wireless	802.11 b/g/n

ACCESSORIES

Antenna	Direction connection type or external with extension cable
Interface cables	Envoy RF Unit to SmartLink Cable (1, 6, 10 m) Envoy RF Unit to SmartLink Cable (30 m). Note: For single direct connect SmartLink only. SmartLink to SmartLink Cable (1, 6, 10 m) SmartLink to Console Cable (3 m)
AC Mains Power Supply	110/240 V AC input to 12 V DC output

Values noted are typical. Equipment descriptions and specifications subject to change without notice or obligation.

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www.codanradio.com

Australia: +61 8 3305 0528 ▪ **US:** +1 585 419 9970 ▪ **UK:** +44 1252 717 272
Canada: +1 250 382 8268 ▪ **Dubai:** +971 44 53 72 01 ▪ sales@codanradio.com

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