

GATEWAY

ENVOY SMARTLINK

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

KEY FEATURES

- 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
 - Simple installation
 - 12V DC compatible for vehicles
 - 110V to 240V AC mains for bases
- Rugged and reliable
 - More robust than COTS equipment
 - Designed to MIL-STD-810G

RUGGED AND RELIABLE

Unlike commercial off-the-shelf (COTS) router products, Envoy SmartLink is fully ruggedised to MIL-STD-810G, and is designed for 12V DC or 110-240V AC supply, making it ideal for vehicle and fixed station applications.



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 convenient and reliable means to connect IP based devices, such as laptops or tablets running Codan data applications or smartphones running the XTEND app.

CASCADABLE FOR SYSTEM EXPANSION

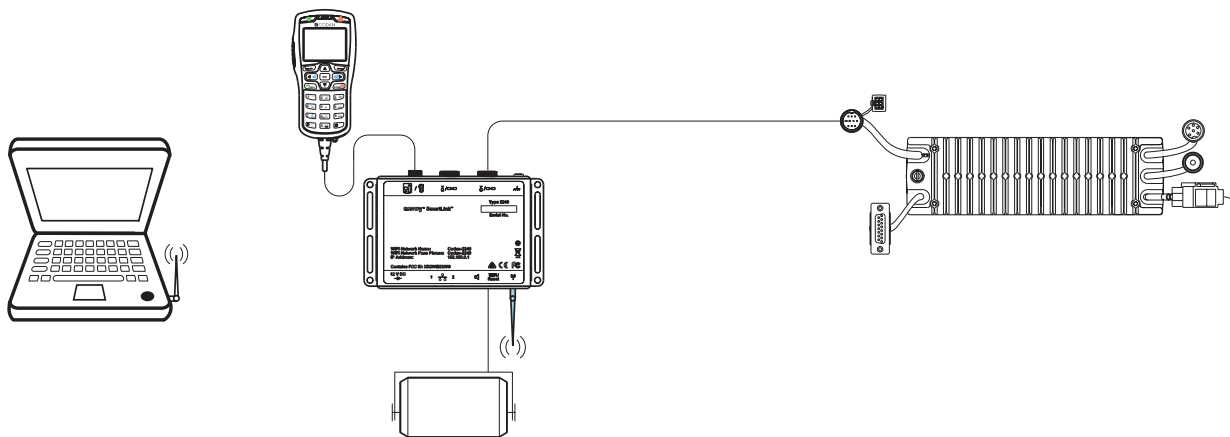
Up to four Envoy SmartLinks can be connected to a single Envoy RF unit. This enables multiple geographically separated control points, for maximum flexibility. An in-built audio amplifier allows direct connection of loudspeaker to SmartLink, for when an Envoy 2220 Handset is connected.

GATEWAY

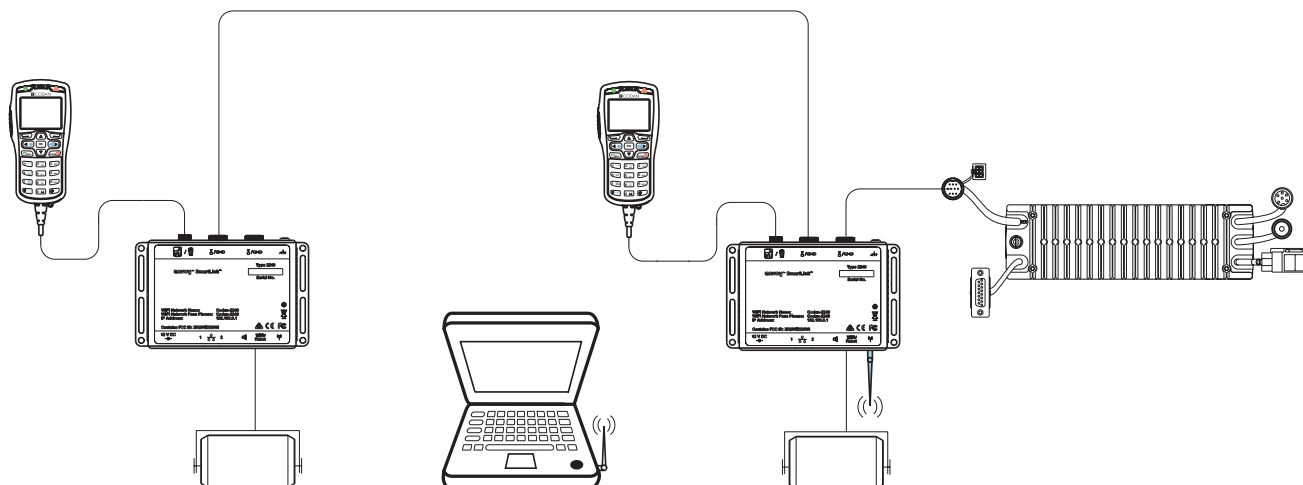
ENVOY SMARTLINK

DTC
A CODAN COMPANY

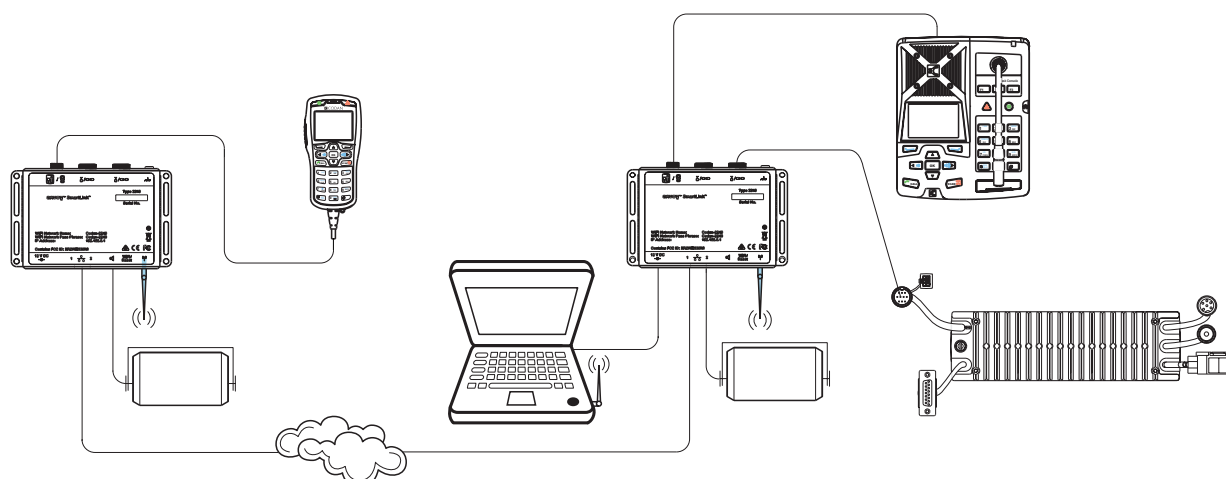
DIRECT CONNECTION: SINGLE CONTROL POINT



DIRECT CONNECTION: DUAL CONTROL POINT



NETWORKED CONNECTION: MULTIPLE CONTROL POINT



GATEWAY

ENVOY SMARTLINK

GENERAL SPECIFICATIONS

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

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

ACCESSORIES

Antenna: Direction connection type or external with extension cables

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 Envoy x1, x2: 110/240 V AC input to 12 V DC output

DATASHEET: Envoy SmartLink, 12-20309-EN, Issue 4 © 2025