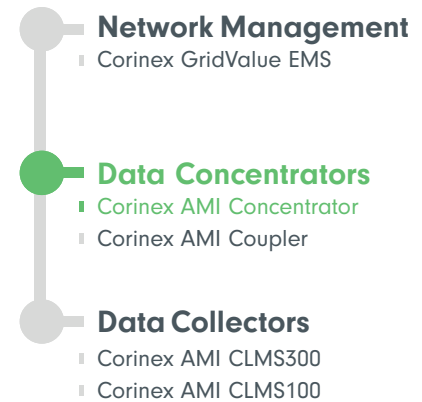




Edge AMI Solution

Corinex AMI Concentrator

As part of our Broadband over Power Line (BPL) end-to-end solution, the Corinex AMI Concentrator manages and collects data from numerous smart meters and IoT devices, and passes the collected data to a centralized management system. It provides secure, near real-time communication over utility customers' existing electric infrastructure. The Corinex AMI Concentrator, along with our vertically integrated data collector products and GridValue software, is enabling utilities to provide the next generation of smart-grid applications and services.

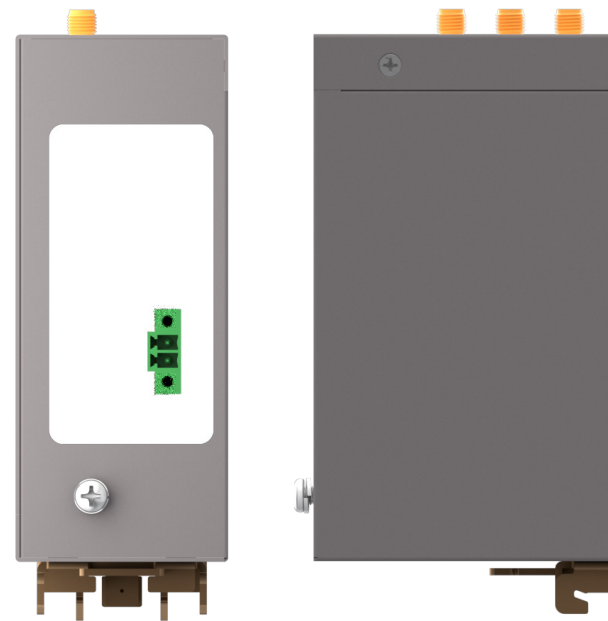


Features

- Corinex BPL's superior communication performance & voltage sensing capability
- Improved frequency modulation over competing technologies
- Promotes network ownership and gives control back to utilities
- A proven and tested solution that reduces deployment risks
- Fully automated network deployment. Zero-touch network maintenance technology
- Low cost, inter-operable and future-proof solution
- Unification of data from all smart meters and IoT devices in the network

Key Benefits

End-To-End Integrated Solution	Near Real-Time Visibility	High Speed Networking	Encryption And Security	Grid Control Management	Scalable Dependable Coverage
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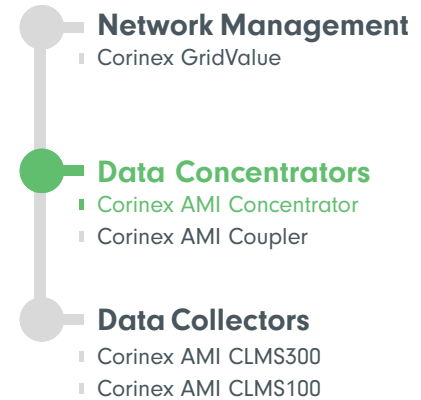




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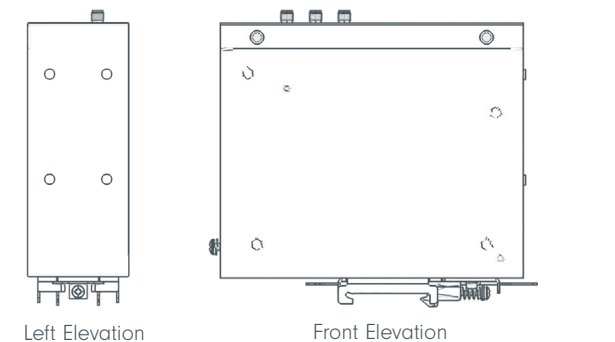
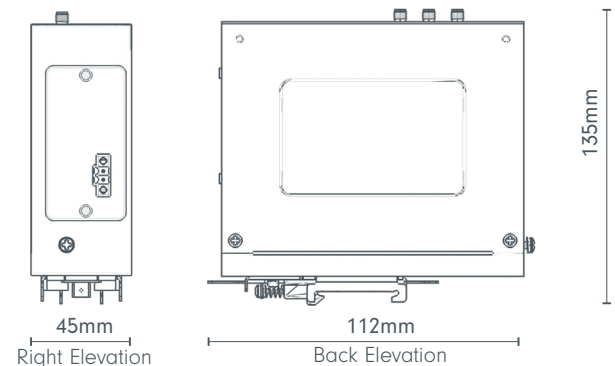
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Technical Specifications

Model No.	Garibaldi for G.hn	
Electrical	Power Input	24-48VDC
Mechanical	Power Consumption	10W
	Dimensions	133mm x 112mm x 45mm
	Weight	700 grams
	Mounting	DIN Rail
	Enclosure	Metal (Aluminum), IP41
Environmental	Safety and EMI	CE and CE Mark, Class II, RoHS
	Operating Humidity	0% to 90% non-condensing
	Operating Temperature	-40C to +70C
	Noise Immunity	DIN EN 61000
	Fire Class	DIN 60950-1, V-1
	PLC Standard	G.hn-BPL (ITU-T G9960)
Communication	Backbone Speed	Up to 400Mbps on physical layer
	Ethernet Interface	10/100 Mbps Autosensing and Auto MDX
	PLC Interface	Ethernet
	Frequency Range	2 - 50 MHz
	Supporting Protocols	IPv4/v6 Dual Stack - SNMPv3 with TLS 1.2 - FTP - 3DES/AES 128bit - SSH - DHCP - RADIUS -TACACS+ - IEEE 802.1p - IEEE 802.1q - IGMP - NTP - TCP/IP - UDP
	MAC Address	1024
	Max VLAN/OVLAN Tags	16
	Wireless Connectivity	4G LTE
	Other Connectivity	one RS232; one RS485; Eight GPIO

LABORATORY SPECIFICATIONS | ACTUAL TRANSMISSION SPEEDS MAY DIFFER DUE TO ENVIRONMENTAL CONDITIONS



SCHEMATIC DRAWINGS NOT TO SCALE

