CORINEX

EnergyGrid
Solution

Corinex Compact Headend

As part of our Broadband over Power Line (BPL) end-to-end solution, the Corinex Compact Headend manages and collects data from numerous modems or repeaters, 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 Compact Headend, along with our vertically integrated products and GridValue Elements Management Software (EMS), is enabling utilities to provide the next generation of smart-grid applications and distributed energy resource services.

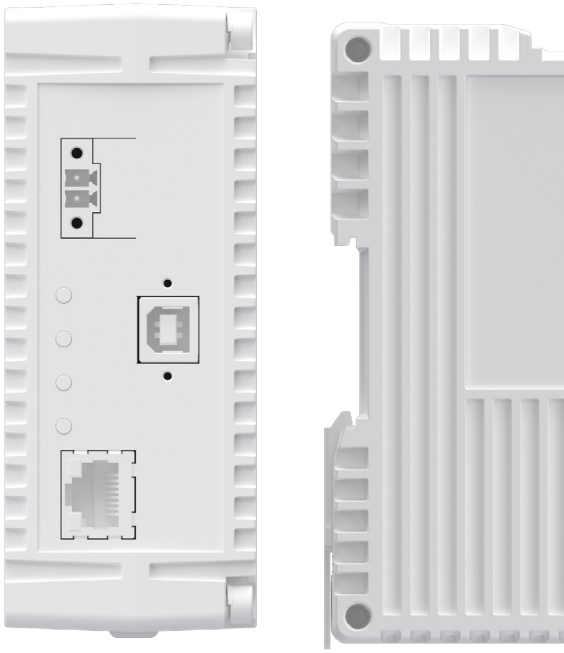
Network Management
- Corinex GridValue

Data Concentrators
- Corinex Compact Headend
- Corinex Coupler

Data Collectors
- Corinex High Performance Repeater
- Corinex Standard Repeater
- Corinex 1T External Modem

Features

- Corinex BPL's superior communication performance & voltage sensing capability
- Superior coverage compared to wireless technologies
- Promotes network ownership and gives control back to utilities
- A proven and tested solution that reduces deployment risks
- Faster roll-out demonstrated by pilot studies
- Low cost, inter-operable and future-proof solution
- Developed and validated by 5 leading market vendors



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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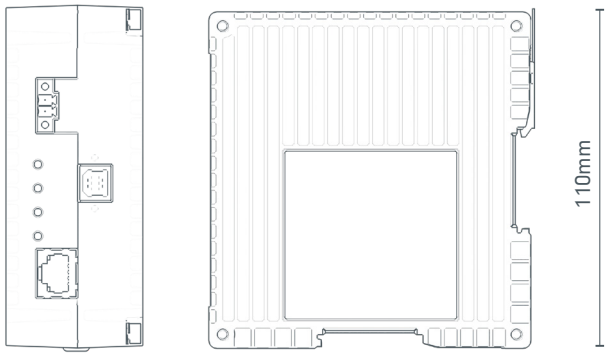
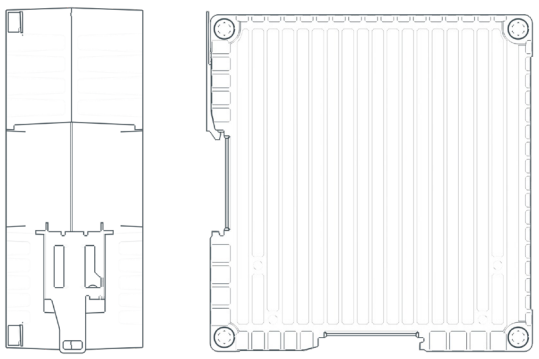
Technical Specifications

Model No.		CXP-GPH
Electrical	Power Input	24-48VDC
	Power Consumption	10W
Mechanical	Dimensions	110mm x 115mm x 46mm
	Weight	600 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
Communication	PLC Standard	G.hn-BPL (ITU-T- G9960)
	Backbone Speed	Up to 400Mbps on physical layer
	Ethernet Interface	10/100 Mbps Autosensing and Auto MDX
	PLC Interface	Type B USB Port
	Frequency Range	2 - 50 MHz
	Protocols	IPv4/v6 Dual Stack - SNMPv3 with TLS 1.2 - FTP(S) - DHCP - RADIUS -IEEE 802.1p - IEEE 802.1q - IGMP/ MLD - NTP - IEEE 802.1x - EST/ RFC7030 - OCSP - MQTT - LCMP - TFTP - SSH - HTTPS
	MAC Address	1024
	Max VLAN/OVLAN Tags	16

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





SCHEMATIC DRAWINGS NOT TO SCALE