



Hi-2Wire™ C4L6400-2W-BT

Beyond the 1,000ft. (300Meter) PoE Power coverage

The Hi-2Wire™, model C4L6400-2W-BT is the World's First Long Range PoE++ (bt) IP Ethernet over 2Wire transceiver. It support up to 1,000 Feet (300Meter) PoE++ (bt) power pass-through for High Power IP Intercom, IP Camera, PoE LED, PA Speaker, Digital Signage, Wi-Fi AP and etc. application.

Small Form Factor

C4L6400-2W-BT have a small size form factor (40 x 42 x 76 mm, H x W x L) for the small and narrow area installation site. Its small form factor helps for the most camera housings.

Polarity and Crosstalk Free features

C4L6400-2W-BT support the 2Wire Polarity and Crosstalk Free features for the installation fields. This features help the simple and easy installation for the complex installation situation. Also, it support Power Crosstalk Free features for the MDU installation fields.

Long Distance Data Transfer Coverage

C4L6400-2W-BT support up to 300 meters distance full-duplex data transfer coverage. It could re-use the legacy 2Wire cable in Home, Residential Building and large building. It transports the High Definition content, Mass-Storage information and Data Streaming service to the remote installation sites without any delay.

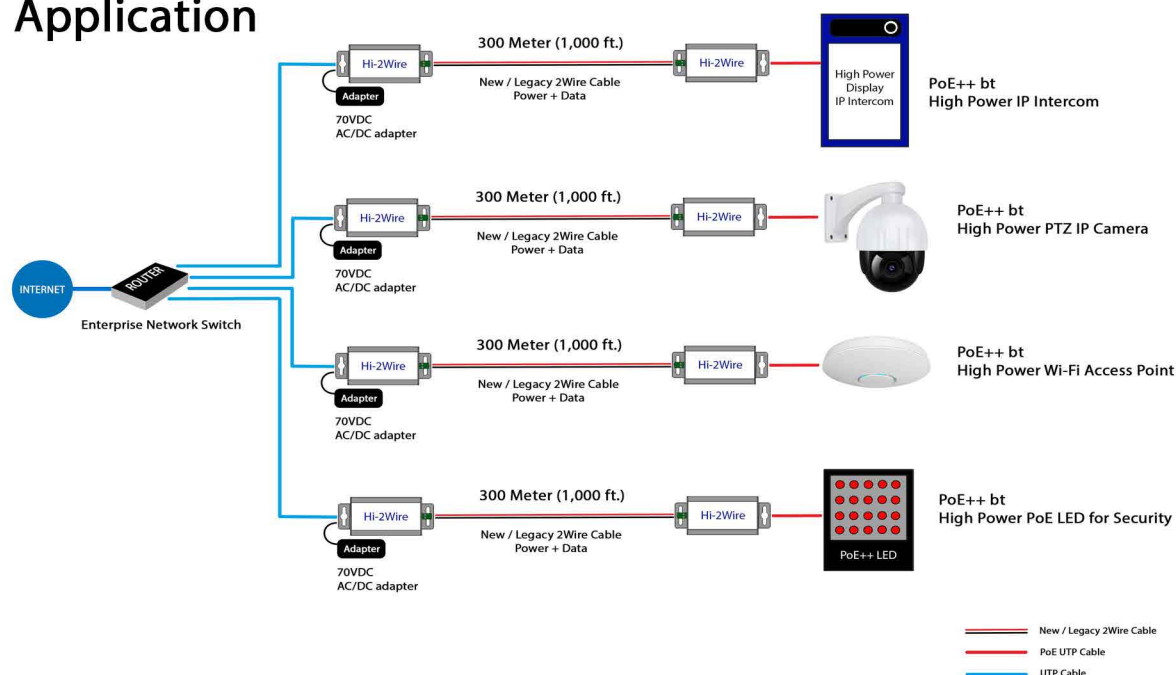
IEEE 802.3 af/at/bt 90W PoE++ Type4

C4L6400-2W-BT support the IEEE 802.3 af/at/bt 90Watts PoE++ feature for IP Intercom, IP Camera, PoE LED, PA Speaker, Digital Signage, Wi-Fi AP and etc. It reduce the wiring cost for power supply at the remote installation sites.

Product Application

- Highpower PoE++ (bt) IP Intercom
- Highpower PoE++ (bt) IP Camera
- Highpower PoE++ (bt) LED
- Highpower PoE++ (bt) PA Speaker
- Highpower Wi-Fi AP

Typical Application



Product Specification

Standards	Ethernet Specification IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3az, Auto MDI/X
Protocols	TDMA & CSMA/CA
Transmission Speeds	Ethernet : 10 / 100 Mbps Extended 2Wire : 200 Mbps
Modulation	Modulation : OFDM – 1024/256/64-QAM, QPSK, BPSK, ROBO
Frequency Band	1.8 ~ 30 MHz
Security	128 Bit AES Encryption
Power Consumption	2.7 Watts
AC to DC Power Supply	Input AC : 100 ~ 240 VAC, 50 ~ 60 Hz 5V to 70VDC / 1A ~ 1.6A (For PoE Function, please use 48V 0.83A Adapter at least.)
Ethernet Interface	- Connector Type : RJ45 - Speed : 10/100 Base T, half/full duplex, auto-negotiation
PoE Standard	IEEE 802.3 af/at/bt PoE++ 90Watts
Extended Port Interface	- Connector Type : 2Wire Terminal Block - Impedance : 25Ω ~ 100Ω - Support Cable : 2Wire, Cat 5., Cat 5E., Cat 6., Cat 6E., Cat 7.
IGMP	- Support IGMP managed multicast sessions - IGMP snooping with multicast to multiple unicast support - IGMP/MLD Address Filtering
LED Indication	- Power : BLUE – Power On - 2Wire : Green – Link On - PoE : Green – Link On / PoE Connected : White
Mechanical Dimension	26 x 42 x 70 mm, 1.02 x 1.65 x 2.75 in (H x W x L)
Weight	117 g
Material	Aluminum Extruded
Temperature	- Operating Temperature : -40°C ~ +80°C (- 40°F ~ + 176°F) - Storage Temperature : -40°C ~ +80°C (- 40°F ~ + 176°F)
Humidity	10 ~ 90 % Humidity (non-condensing)
Certifications	CE Class A, FCC
Polarity & Crosstalk Free Features	2Wire, Power DCJack Polarity and Crosstalk Free features