



## μ-2WIRE™ C4L6400M-2W-P (Ver.2)

The μ-2WIRE™, model C4L6400M-2W-P is the mini size IP Ethernet over 2Wire transceiver. It support up to 200Mbps data transfer speed for IP Intercom, IP Camera, IP Networking, Game Console and AV Device application. Its small form factor could support the small and narrow area installation application in Home, Residential Building and large building.

### **Polarity and Crosstalk Free features**

C4L6400M-2W-P 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**

C4L6400M-2W-P 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.

### **1 Master to Multi Slave network topology**

C4L6400M Series product support the 1 Master to Multi slave network topology. Its network topology could support various network topology (Star, BUS, Ring, Mesh and etc.). Also, it reduce the installation costs dramatically.

### **IEEE 802.3 af/at 40W PoE+**

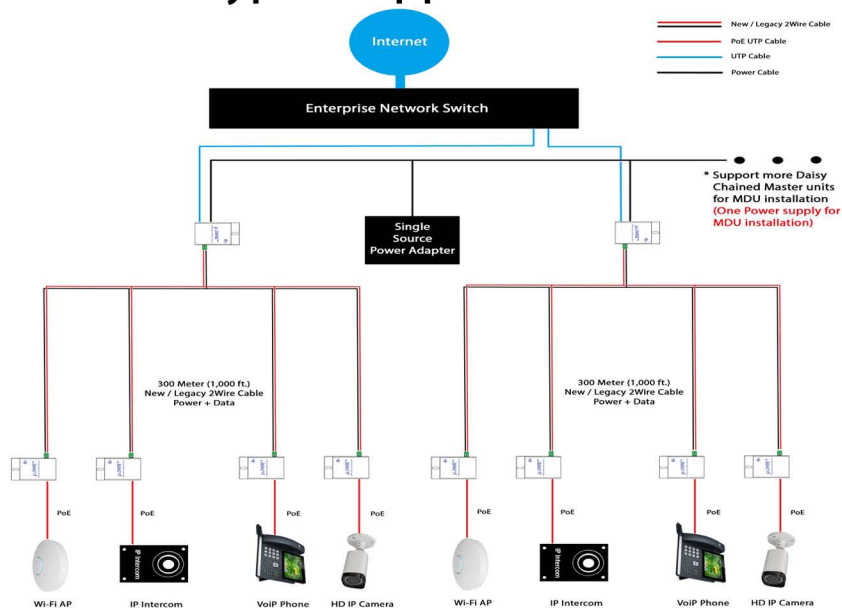
C4L6400M-2W-P support the IEEE 802.3 af/at 40Watts PoE+ feature for PoE IP Intercom, IP Camera, Powered device(PD), Wi-Fi AP, VoiP and etc. It reduce the wiring cost for power supply at the remote installation sites.



## Product Application

*IP Intercom, IP Camera, IPTV Network,  
Wi-Fi Network, VoiP, Home Automation,  
Building Network*

## Typical Application



## Product Specification

Standards	Ethernet Specification IEEE 802.3, IEEE 802.3u, IEEE 802.3x, 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	2.5 Watts
AC to DC Power Supply	Input AC : 100 ~ 240 VAC, 50 ~ 60 Hz 5V to 56VDC / 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 PoE+ 40Watts
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
Mechanical Dimension	26 x 42 x 70 mm, 1.02 x 1.65 x 2.75 in ( H x W x L )
Weight	80 g
Material	Aluminum Extruded
Temperature	- Operating Temperature : -10°C ~ + 50°C ( +14°F ~ +122°F ), i-Temp Ver. : -40°C ~ +80°C - Storage Temperature : -30°C ~ + 70°C ( -22°F ~ + 158°F ), i-Temp Ver. : -40°C ~ +80°C
Humidity	10 ~ 90 % Humidity ( non-condensing )
Certifications	CE Class A, FCC
Polarity & Crosstalk Free Features	2Wire, Power DCJack Polarity and Crosstalk Free features