

Overview

The PM812 Industrial Ethernet Extender solutions provide up to 1.5km long connection distance and high speed internet connection demand in Highway Monitoring, Traffic Control, Video Surveillance and large Factory.

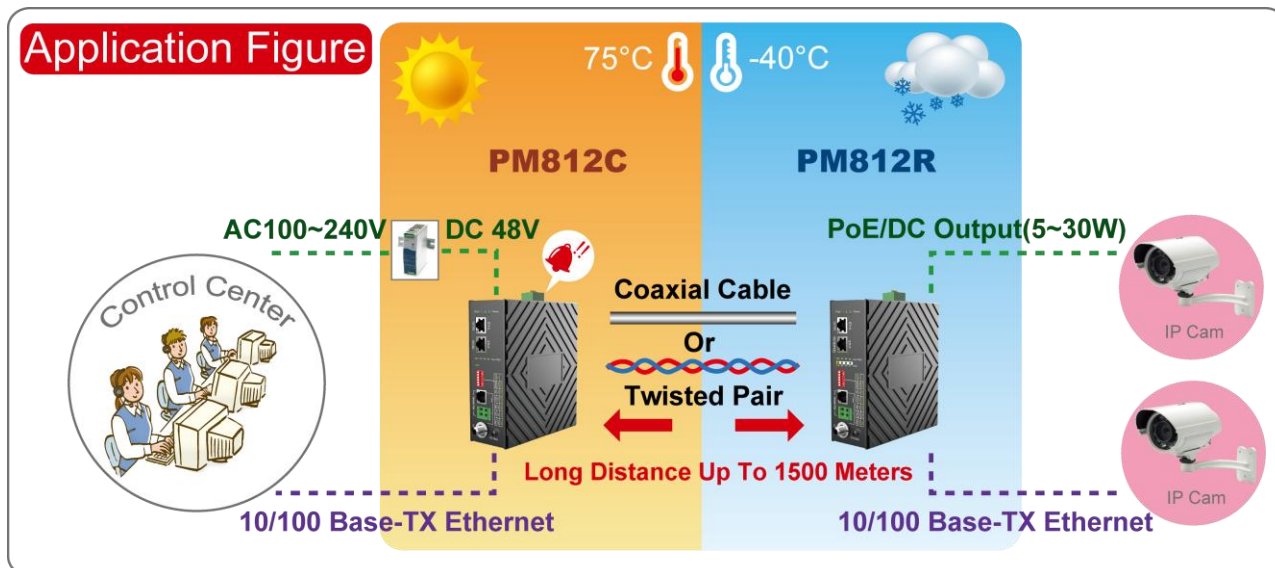
The PM812 also supports "Remote Power Feeding" that can supply up to 30W power for POE devices such as IP Camera, Wi-Fi Router in the remote place where no power sources.

The product is with industrial grade design that can work well and stably in harsh environments.



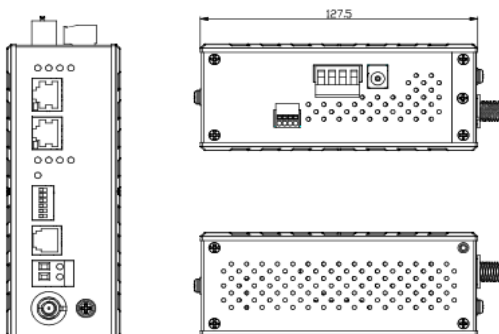
Features

- Long distance for data transmission, up to 1,500 meters
- Support remote power feeding and high power output up to 30W (POE)
- Support IEEE802.3at PSE standard for PoE/PD applications
- Twisted pair and coaxial cable coexist
- Support web management GUI
- Support Link Loss Forwarding
- Support SNMP v1/v2c/v3
- Support Remote Power Control

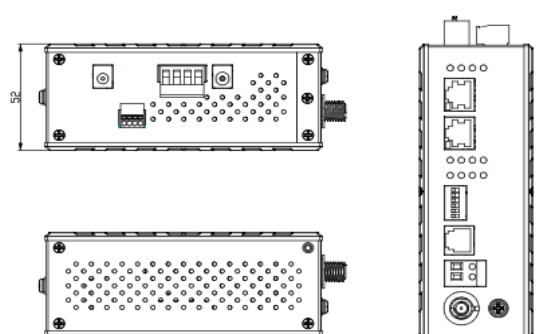


Dimensions

PM812C



PM812R



Unit:mm

Technology		Performance (Twisted Pair / 24AWG / PoE)		
Standard	IEEE802.3 10Base-T, IEEE8023u 100Base-T	Distance	Data Rate	Output Power
	IEEE802.3x Full-duplex flow control	300M	100 Mbps	30 W
Protocols	SNMPv1/v2c/v3	500M	75 Mbps	14 W
Power		700M	50 Mbps	10 W
Input	DC 48V Input: DC Jack x1, Terminal block x2	1000M	35 Mbps	5 W
Output (PM812R)	DC 12V Output: DC jack x1	Performance (Coaxial / RG-6 / PoE)		
	PoE Output: RJ45 x1	Distance	Data Rate	Output Power
	Max. 20W (DC 12V) / 30W (PoE)	300M	100 Mbps	30 W
Interface		500M	90 Mbps	18 W
Ethernet Port	RJ-45 port x2 (PM812R: ETH1 with PoE)	700M	75 Mbps	12 W
	10/100BASE-TX Full-duplex	1000M	55 Mbps	8 W
	Auto-Negotiation, Auto-MDI/MDIX	1500M	30 Mbps	5 W
Extender Port	Twisted Pair: RJ11 x1, Terminal block x1	Software		
	Coaxial: F-type connector x1	Web based management, Link Information, Link Loss Forwarding		
DI / DO	Digital Input x1, Digital Ouput x1	SNMP v1/v2c/v3, Remote Power control		
LED Indicators	Power x3	Regulatory Approvals		
	PoC x1 (Power over Copper, PM812C only)	CE / FCC Part 15 class A ; IEC 60950-1		
	PoE x1 (PM812R only)	EN 61000-6-2 : EN55022 / EN61000-3-2 / EN61000-3-3		
	Watt x3 (30 / 15 / 5) (PM812R only)	EN 61000-6-4 : EN 61000-4-2 ESD Level 3 / EN 61000-4-3 RS Level 3 /		
	Ethernet Link x2	EN 61000-4-4 EFT Level 3 / EN 61000-4-5 Surge Level 3 /		
	Extender Link x1	EN 61000-4-6 CS Level 3 / EN61000-4-8		
DIP Switch	(1) Master / Slave ; (2) 17a / 30a (3) Sym / Asymmetric ; (4) 6dB / 9dB (5) PoC Switch (PM812C) ; PoE/DC Out (PM812R) (6) Coaxial / Twisted Pair	Environmental Test Compliance		
		Vibration : IEC 600068-2-6		
		Free Fall : IEC 600068-2-32		
		Shock : IEC 600068-2-27		
Mechanical		Environment		
Dimensions	144x127.5x52mm (W x D x H)	Operation Temperature : -40°C ~75°C		
Weight	PM812C : 717 g ; PM812R : 712 g	Operation Humidity : 10% ~ 90% RH, non-condensing		
Housing	Aluminum case, IP30	Over Voltage / Current Protection ; Short Circuit Protection		
Installation	Din Rail, Wall Mount	Standard Accessories		
		Din Rail / Wall Mount kit		

Ordering Information

PM812	Industrial Managed Ethernet Extender with Remote Power Feeding (including one PM812C and one PM812R)
PM812C	Power Transmitter of PM812
PM812R	Power Receiver of PM812

PiXORD Corporation

Address : 6F, No.12, Innovation 1st Rd., Hsinchu Science Park, Hsinchu 30076. Taiwan (R.O.C)

Tel : 886-3-5678818 Fax : 886-3-5678990 E-Mail : marketing@pixord.com

www.PiXORD.com