

## Overview

Pixord's PM311DE/DS offers the point-to-point Ethernet extension solution for cabling requirements. It can transmit the internet signals by using the COAX cables, which provides 10 times connecting distance more than Ethernet cables. Moreover, the extender feed the power to your remote devices such as IP Cameras and Wi-Fi APs via COAX.

The plug-and-play design allows you to install the extender without any software configuration. By using the existed copper, feeding the power remotely, PM311DE/DS Ethernet Extender makes the cabling more cost-effectively and easily.

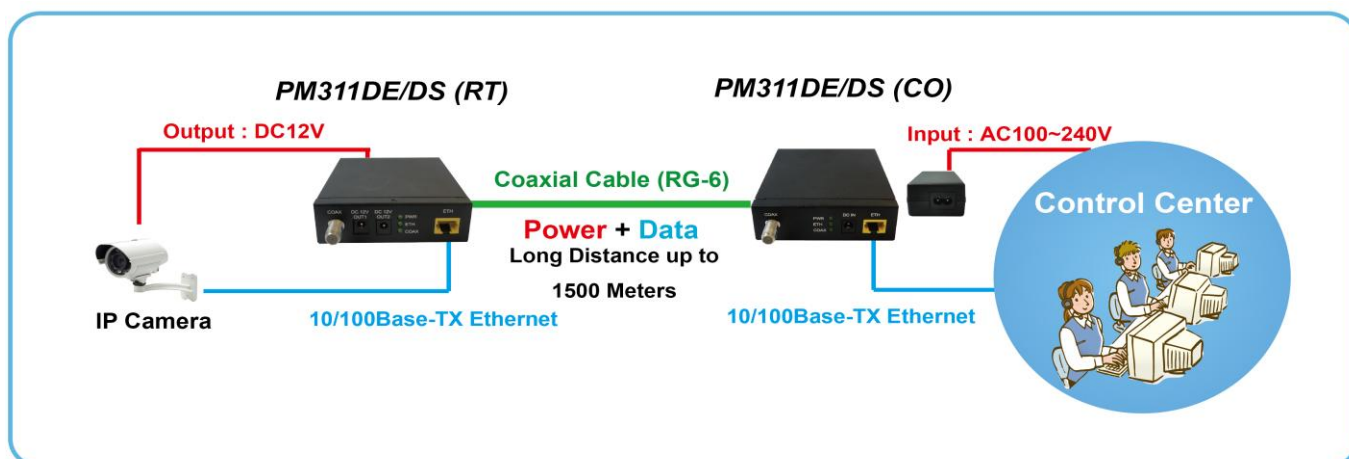
It is an ideal cabling solution to provide high speed and long range internet connection for Buildings, Residential, factories and some other public areas.



## Features

- Long distance for data transmission, up to 1,500 meters
- Support long distance remote power feeding
  - PM311DE RT power output: Max. 18W@300 Meters
  - PM311DS RT power output: Max. 12W@300 Meters
- Simultaneous transmission of power and data over coaxial cable
- Comply with IEEE802.3 and IEEE802.3u standard

## IP Surveillance Application



## Specifications

Technology		Performance		
Standard	IEEE802.3 10Base-T, IEEE8023u 100Base-T IEEE802.3x Full-duplex flow control	Distance	Data Rate/output power (PM311DE)	Data Rate/output power (PM311DS)
Applications	Transportation, Mansion, Neighborhood, Factory, Broadband Transmission	300M	100 Mbps / 18W	100 Mbps / 12W
		500M	100 Mbps / 16W	100 Mbps / 8.4W
		700M	95 Mbps / 15W	95 Mbps / 5W
Interface		1000M	83 Mbps / 12W	90 Mbps / 3.6W
Ethernet Port	1x RJ-45 port,10/100BASE-TX Full-duplex, Auto-Negotiation, Auto-MDI/MDIX	1500M	52 Mbps / 7.5W	
Power	1x DC Jack Input (CO Only) 2x 12V DC Jack Output (RT Only)	Environment		
Connectors	Coaxial F-type connector	Operating Temperature		0°C ~50°C
		Operation Humidity		10% ~ 90% RH, non-condensing
LED Indicators	Power (Green) ETH (Green) Coax (Green)	Regulatory Approvals		
		CE / FCC Part 15 class A		
		EN 55022		
Power		IEC 61000-3-2, IEC 61000-3-3		
Power Adapter	Input AC100~240AC (50/60Hz) Output 63VDC, 0.8A (PM311DE) Output 48VDC, 1.25A (PM311DS)	IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11		
		Standard Accessories		
Power Output (Max)	Total 18W@300 Meters (PM311DE) Total 12W@300 Meters (PM311DS)	Power Adapter		
		Device mounting kit / screws		
Mechanical				
Dimensions	95x123.6x30mm (W x D x H)			
Weight	Total 640g (CO+RT)			
Housing	Metal Case			

※Product specifications are subject to change without prior notice.

## Ordering Information

<b>PM311DE</b>	Ethernet Extender over Coaxial Cable (Including one PM311DE_CO and PM311DE_RT) with 63V Power Adapter
<b>PM311DS</b>	Ethernet Extender over Coaxial Cable (Including one PM311DS_CO and PM311DS_RT) with 48V Power Adapter

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