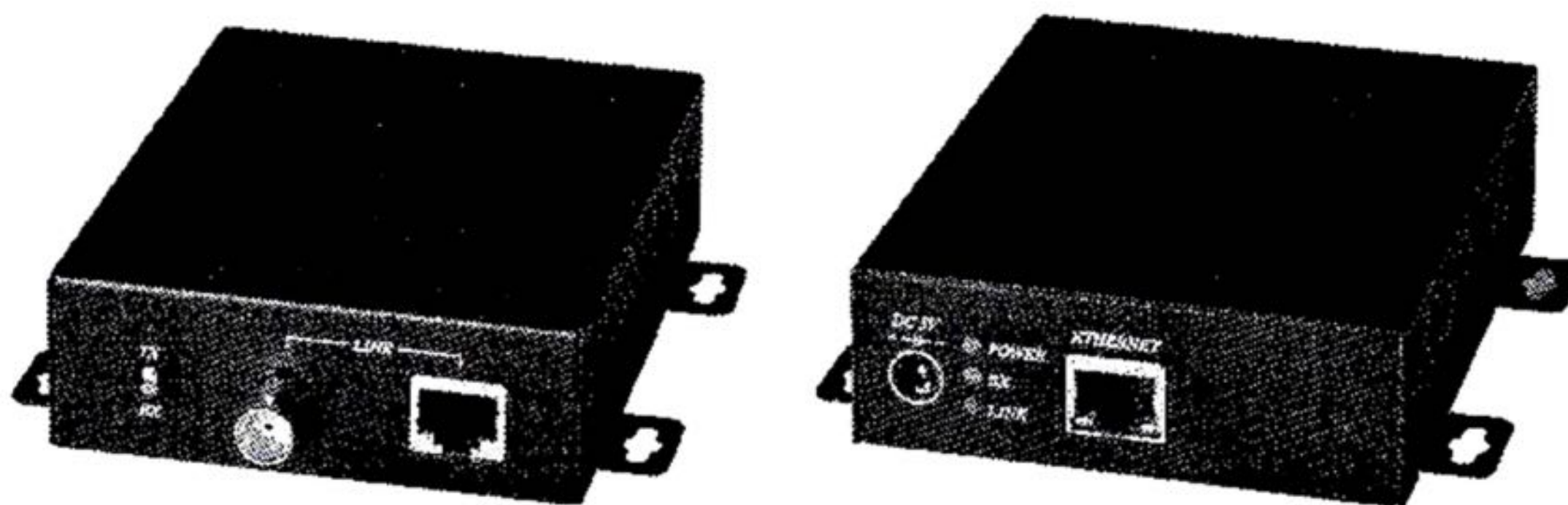


# IP CABLING TRANSMISSION

ITEM NO.: IP02DK Ethernet Extender over Coax/CAT5e

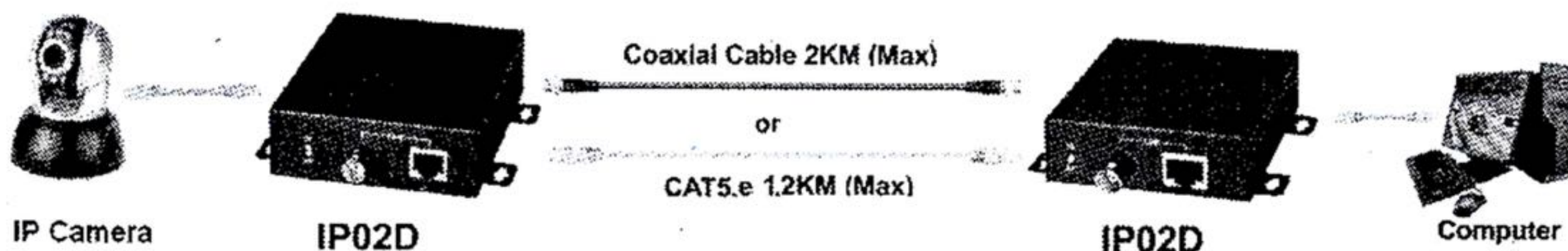


IP02DK IP/Ethernet extender are designed to extend any TCP/IP devices for long range transmission up to 2KM over existing coaxial or cost effective CAT5 cable up to 1.2KM. They are completely transparent to protocols, codes, and applications ensuring compatibility with any IP camera and its management software. It is perfect solution for sending IP video links to remote camera installation that are beyond the 100 meters distance limit of Ethernet.

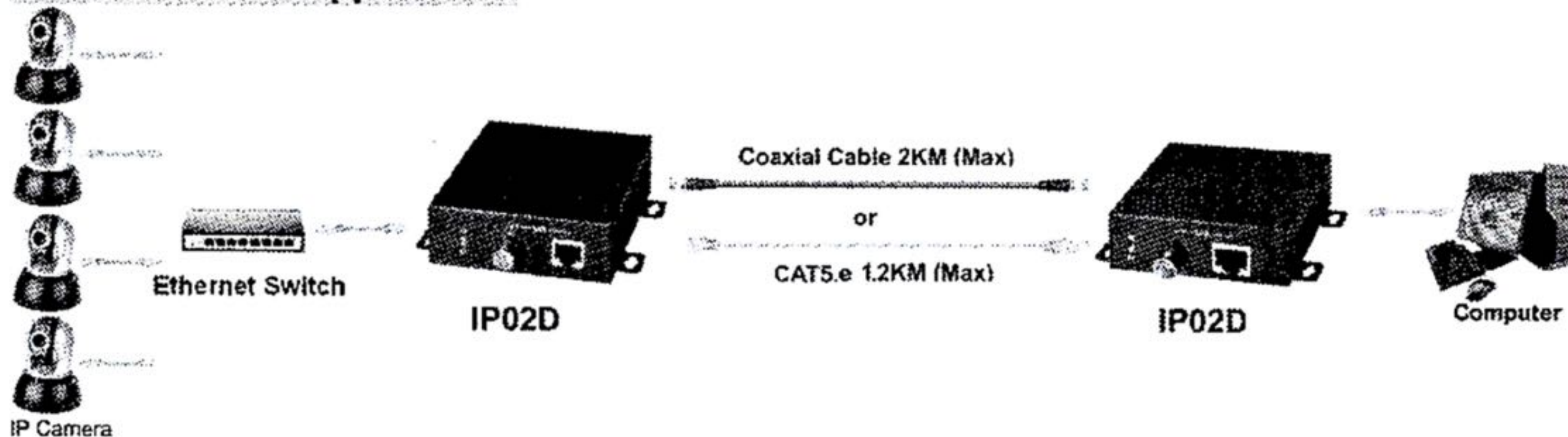
## Features:

- Send and extend IP camera signal or any TCP/IP devices for long range.
- Dual cabling solution: allow to use existing coax cable or over CAT5e/6 cable.
- Distance up to 2KM over coax cable , up to 1.2KM over CAT5e/6 network cable.
- Plug and play for easy connection

## Installation View:



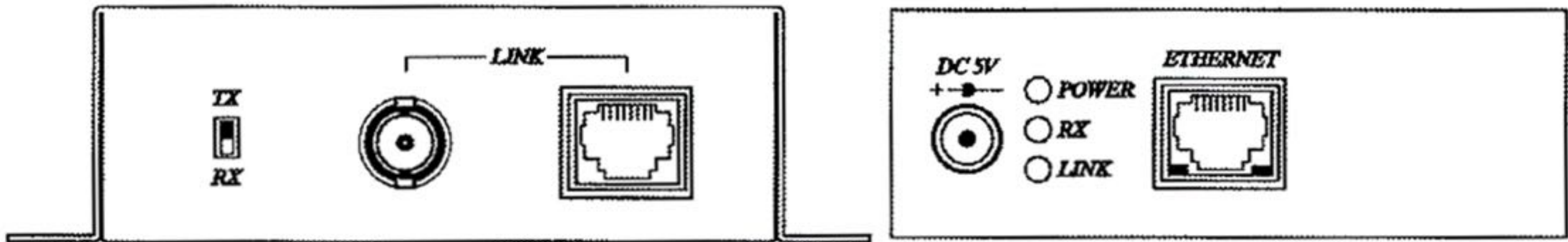
## Multi IP cameras application:





**Panel View:**

**IP02D**



**IP02D Transmitter/Receiver Setting:**

TX ↑ = Transmitter (IP camera)  
 RX ↓ = Receiver (PC/Network Switch side)

**LED Indication:**

**IP02DT**

Power ED	ON	Power on
	OFF	Power off
RX LED	ON	Set to Transmitter mode
	OFF	Set to Receiver mode
Link LED	Slow Blink	Searching
	Fast Blink	Linking
	On	Linked
Ethernet LED	Yellow on	Linked
	Yellow off	Unlink

**IP02DR**

Power ED	ON	Power on
	OFF	Power off
RX LED	ON	Set to Receiver mode
	OFF	Set to Transmitter mode
Link LED	Slow Blink	Searching
	Fast Blink	Linking
	On	Linked
Ethernet LED	Yellow on	Linked
	Yellow off	Unlink

**Cable:**

Link cable: high quality coaxes cable such as RG59/6U or Standard CAT5e/CAT6 cable.



**Data Rate reference:****RG59/6U cable:**

200M 70Mbps  
 400M 65Mbps  
 600M 60Mbps  
 800M 50Mbps  
 1000M 40Mbps  
 1200M 30Mbps  
 1400M 25Mbps  
 1600M 20Mbps  
 1800M 20Mbps  
 2000M 20Mbps

**CAT5e/6 UTP cable:**

300M 50Mbps  
 600M 40Mbps  
 900M 20Mbps  
 1200M 20Mbps

**Caution:**

1. In order to avoid interference or shorter working range. The cabling must away from any equipment with electromagnetic wave, i.e.: microwave, radio equipment, high voltage.
2. The installation required to reserve cooling space to avoid overheat to cause the device shut down.
3. To reboot this product will take around 40 seconds to complete the link.

**Package Include:**

IP02D x 2 units  
 DC5V 2Amp power adapter x 2 pieces

**Specification:**

ITEM NO.	IP02D	
Link Cable Connector	BNC x 1 (1 Vp-p · 75 Ohm)	
Link Cable Distance	2000M (Max) over Coax or 1200M over CAT5e/6	
Ethernet Connector	RJ45/BNC	
Ethernet Cable Distance	100M (Max)	
Ethernet Speed	100Mbps	
Power Supply	DC 5V / 2A	
Power Consumption	750mA (Max)	
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%	
Dimensions	mm	109.6 x121.3 x 30
Weight	g	260

RoHS   

Rev.A