HAYDON

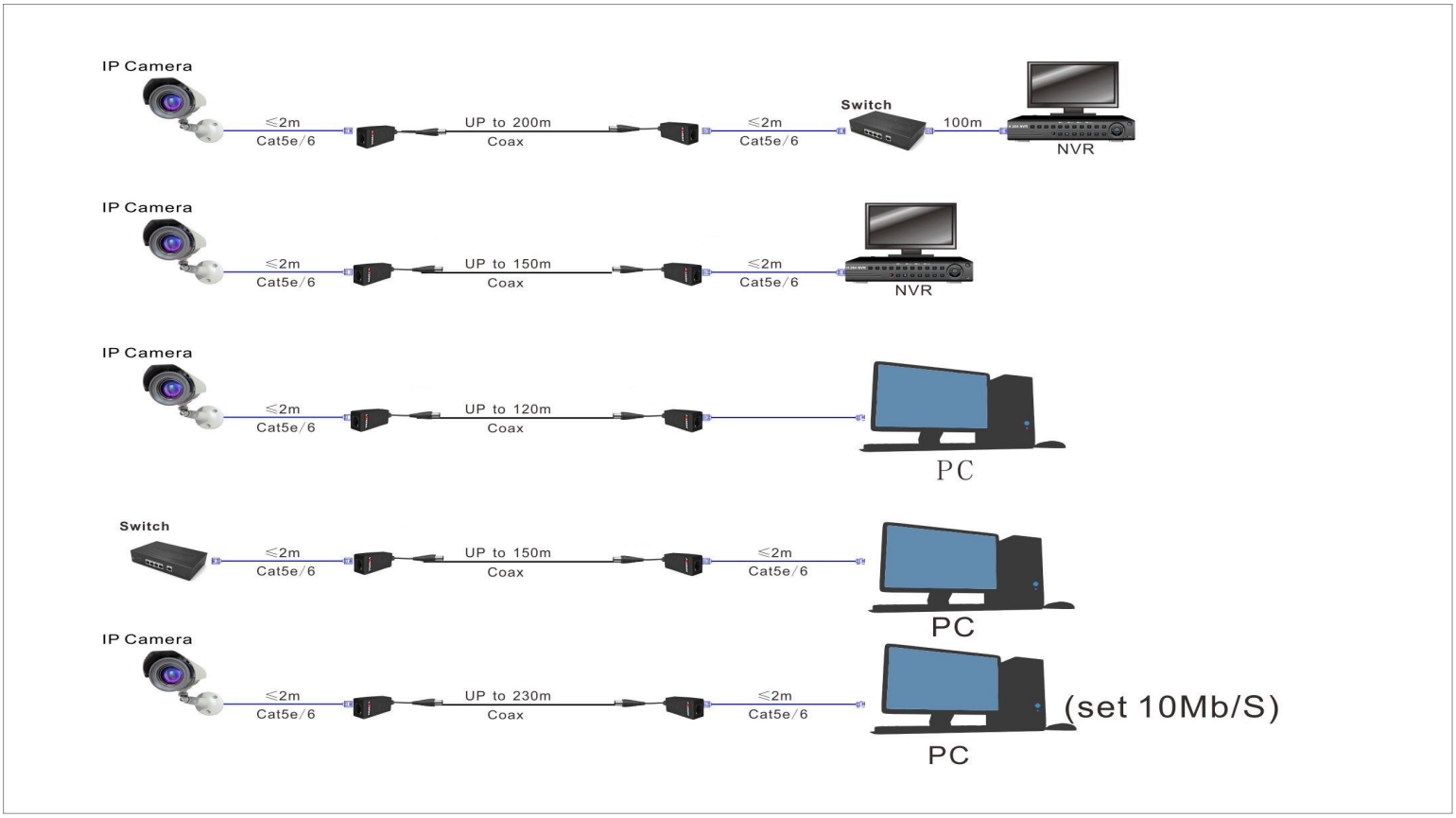
HAY-IPCOAX-EXT

Product Features

- 1-CH IP extender over coax cable
- Transmit Ethernet signal over coax cable
- Transmission distance max up to 200m
- Access Control Method and Physical Layer Specification Comply with IEEE802.3, 10BASE-T and 100BASE-T
- Passive device, no power required
- Real-time transmission
- Built-in TVS for surge protection
- Compact size, easy to install

Product Overview:

HAY-IP-COAX-EXT is an Ethernet signal extender over coax cable, which adopts specific technology for media conversion, complies with IEEE802.3, 10BASE-T and 100BASE-T Protocol Standards. The device can transmit Ethernet signal 200 meters over coax cable without extra power provided. Built-in TVS for surge protection can protect equipment when encountering thunderstorms. As for the application area, HAY- IPCOAX-EXT can be widely used for a network monitoring project, upgrading from coaxial analog monitoring system to network HD monitoring system, and transmitting Ethernet signal over coax cable.



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TECHNICAL SPECIFICATIONS

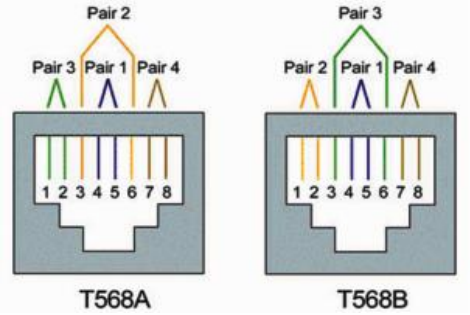
Model		HAY-IPCOAX-EXT
Product Name		Single Channel IP Extender over Coax
Applied Devices		PoE Switch, Network DVR, Video Codec, Other Network Equipments
Video	Ethernet Port	10/100 Mbps
	Impedance	UTP：100 ohm coax:75 ohm
	Distance	Up to 200m(100Mbps)
Power		No Extra Power Needed
Connector	Video Port	RJ45 （Female）
	Video Port	BNC （Female）
Protection Level	Surge Protection Type	Renewable Solid Surge Protection
	Coaxial Surge Protection	2KV(Common Mode), 10/700us IEC6100-4-5/1955(GB/T 1726, 5-1999)
	Twisted Pair Interface Surge Protection	2KV(Differential Mode), 10/700us IEC6100-4-5/1955(GB/T 1726, 5-1999)
Operating Environment	Operating Temperature	-20-85 ℃
	Storage Temperature	0~95%
	Humidity	115mm*82mm*22mm
Physical Properties	Dimension（Length*Width*Height）	ABS Engineering Plastic
	Housing	Black
	Color	90g
	Weight	>20000 h

NOTE:
The Cables Used for Testing
Coax Cables：SYV-75-5（5C-2V） 75ohm coaxial cable .

UTP Cables：cat5e CABLE GB/T18015 1-7-1999 24AWG VERIFIED to CATEGORY 5e

RJ45 Cables Standards:

	1	2	3	4	5	6	7	8
T568A:	White Green	Green	White Orange	Blue	White Blue	Orange	White Brown	Brown
T568B:	White Orange	Orange	White Green	Blue	White Blue	Green	White Brown	Brown



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