

## IP CABLING TRANSMISSION

### ITEM NO.: 800923 Long Reach IP over CAT5e Extender



The 800923 is born to break the limitation of Ethernet transmission of 100M and extends any networking devices up to 800M over cost-effective CAT5e cable. Furthermore, the 800923 is completely transparent to protocols, codes, and applications, ensuring its great compatibility with any TCP/IP device and its management software. It is a perfect solution for extending TCP/IP signal to extra remote camera.

#### Features:

- To send and extend TCP/IP signal over CAT5e/6 cable
- Distance support: 500 meters at 100Mbps, 800 meters at 10Mbps
- Support 10BASE-T, 100BASE-TX, 100BASE-T1 standard.
- Support Auto MDI/MDI-X.
- Support Full duplex and half duplex mode.
- Support EEE Energy-Efficient Ethernet.
- Built-in 1.5KV (Line to Line) surge protection.

#### Transmission Distance Chart:

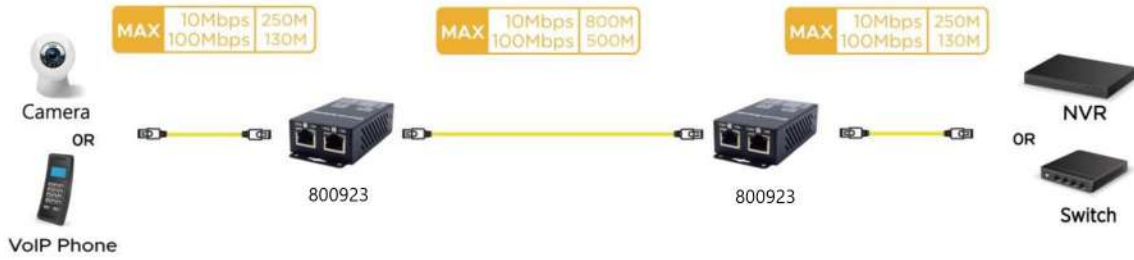
The transmission distance report below is tested through the COMMSCOPE 57535-2 (CAT5e 24AWG) cables.

Mode	Data Rate	Transmission Distance
100BASE-TX	100Mbps	<b>130M</b>
100BASE-T1	100Mbps	<b>300M</b>
Long Reach 100	100Mbps	<b>500M</b>
10BASE-T	10Mbps	<b>250M</b>
Long Reach 10	10Mbps	<b>800M</b>

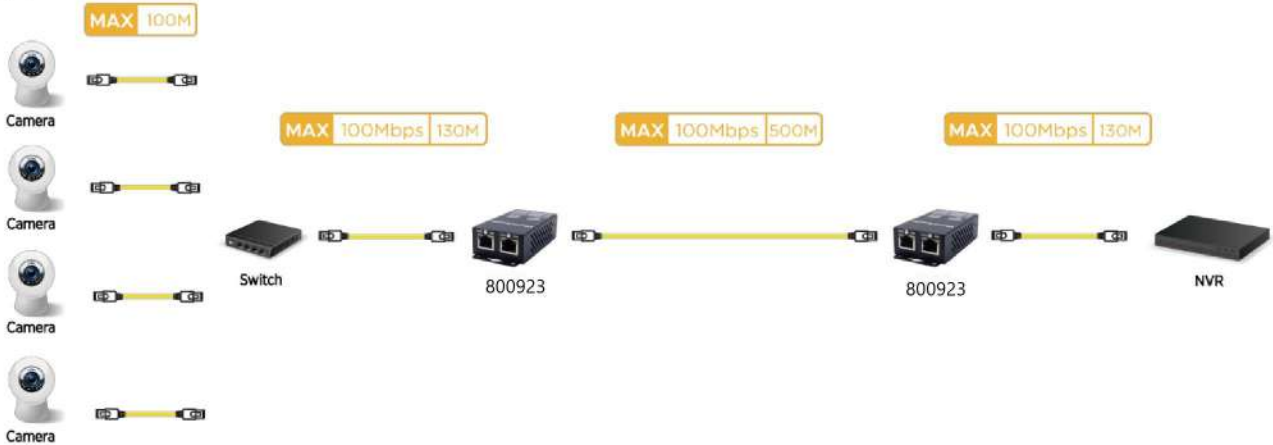
- ※ The distance may vary by installation conditions, quality of cables, and the performance of connecting devices.
- ※ 10BASE-T / 100BASE-TX and Long Distance 100Mbps mode use 2 pair wire to transmit
- ※ 100BASE-T1 and Long Distance 10Mbps mode use 1 pair wire to transmit only

# Installation:

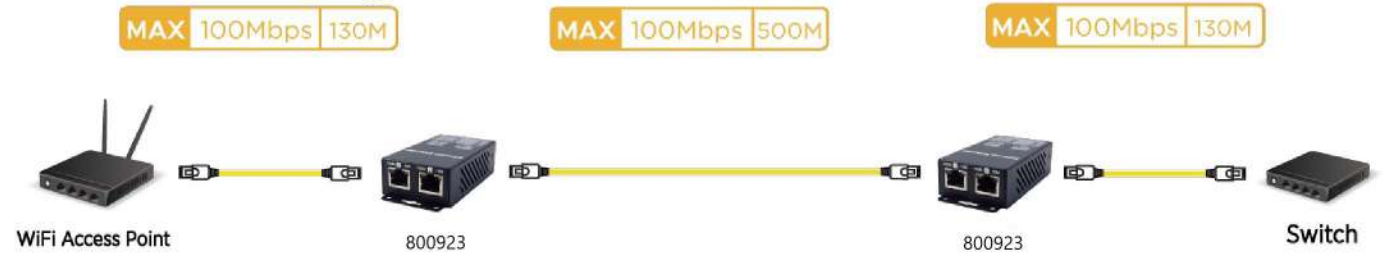
## (1) Point to Point Transmission



## (2) Multi-Camera Video Transmission



## (3) Wifi Access Point Extending Transmission



## (4) Extra Long Distance Transmission



## (5) Extra Long HDMI Transmission



## 800923 Package Included:

- 2 x 800923
- 2 x DC12V 0.5A Power Adapter.
- 2 x accessory bag (4 x Screw, 4 x Hole Plug)

## Specification:

ITEM	800923
Standard	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3bw 100BASE-T1 Ethernet IEEE 802.3 Nway Auto-Negotiation IEEE 802.3x Full Duplex Operation And Flow Control IEEE 802.3az Energy Efficient Ethernet
Data Rate	10 Mbps / 100 Mbps
Distance (Max)	100BASE-TX 130M / 10BASE-T 250M 100BASE-T1 300M Long Distance 100 500M / Long Distance 10 800M
Ethernet Connector	RJ45 x 2
Power Supply	5V ~ 12V Regulated
Power Consumption	1W
Power Adapter	DC 12V 500mA Regulated
Dimensions (mm)	49 x 91.8 x 25
Weight (g)	120

RoHS CE FC 



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