ES3202B 10M, 1400meters Ethernet Extender（No：）

With the emerge of high broad band value-added business such as IPTV, broad band provided by traditional technology such as ADSL, CABLE can not meet the customers requirements on video service. Fiber-optic + LAN compensates the shortcomings of other methods, however, because the traditional Ethernet has the limitation of only 100m transportation distance , it requires large amount of fiber-optic or other optical relay equipments, which causes complicated construction and high cost.

   The appearance of ES3202B series long distance network extender enables the broad band access to areas without any re-laying, medium work. Simple network contracture greatly cut down the network construction, maintained the cost, and enhanced the reliability of the network. The access of 10M or 100M broad band to each family of an area through the ordinary telephone UTP or two pairs has been an ideal platform of broad band, Digital TV and IPTV.

●Unique owned patentHypertrans- LRE(Long- Range Etherne ●Ethernet driving technology ●10BASE-T compatible ●Ethernet 300 meters transmission(UTP CAT5) ●Auto-Negotiation ●Plug-and-play operation ●Real-time transmission, maximum delay 2ms ●Use of Pairs

Specifications

Ethernet Interface

Connector :	RJ45
Data rate :	100Mpbs
Duplex mode :	Half / Full duplex
Cable type :	10Base-T Cat.5,6, UTP
	100Base-T Cat.5,6, UTP
Cable length:	Shielded UTP cable:300 meters
	Non-Shielded UTP cable:300 meters
Standard:	IEEE 802.3, IEEE 802.3u
LEDs:	Power, Link, spd
Power	DC 5V In,
Power Consumption	< 4W
Dimensions	108 x 74 x 23mm,
Weight	350g
Temperature	0~50^{0}C (Operating)
	0~70^{0}C (Storag)
Humidity:	10~90% non-co densing
Electromagnetic sensitivity	c-tick:CE mark,commercial
	ESD:IEC801-2,level 2/3