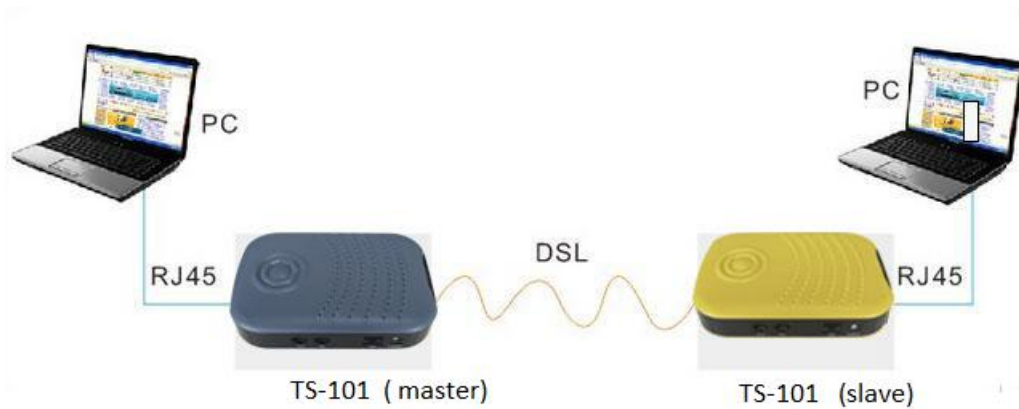# TS-101 Phoneline Ethernet Bridge

Introduction:

TS-101 can expand the transmission frequency bandwidth of existing phone line through digital technology, it modulates the analogue voice and non voice signals into the code number signals to transfer, then demodulates and receives the data in the central terminal. The technology can meet many demands of multi-media video and voice services just as VoIP, IPTV and visible telecommunication etc.. TS-101(M)/ 101(S) provides a solution of P2P, it is widely used in public security, education, health care, military, railway, mine and focus media etc..

Topology:

Specifications:

Model	Ts-101(Master)	Ts-101 (Slave)
Interface	1*10/100Base-TX self-adaption RJ,2*RJ11, 1*external power	
LED display light	ETH,DSL,PWR	
Protocol	ITU-T G.993.2	
Transmission rate	100Mbps	
Modulation	DMT	
Frequency band	25K-30MHz	
Transmission distance	2000m	
Power consumption	≤5W	
O/S	Windows 98/ME/NT/2003/7、Windows XP Home/Pro、Mac OSX、Linux	
Size	160mm×107mm×30mm（L×W×H）	
Weight	0.4kg	
Operating environment	Working temperature：-20□-80□	
	Working humidity：10%-85% no condense	
	Storage humidity：5%-90% no condense	
Certification	FCC、CE、ROHS	
Working voltage	DC12V 1A	

Features:

1.Solve the problem of long distance transmission

2.Plug and play, it's easy to install, the transmission distance up to 2-3km through connecting master and slave devices. The device is easy to maintain and suit to mine, factory, railway etc..

3.Support p2p connection and VoIP penetration

4.Support VDSL2 voice splitter

5.Support the network modes of DHCP,PPPOE and statistic IP

6.Support uploading and downloading rate setting

7.Support TR-069 remote management.

8.DMT modulation technology can auto adjust the rate to suit the different circuits, it can provide high performance transmission even in a noise interference environment.

Low cost, great profit:

The traditional phone operators can provide the users triple high quality multi-media services just as video, voice and high speed network surfing etc. with VDSL2 technology. All of these make the operators can get high profit at the minimum investment.

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