

AUX Port of H3C Series Routers

I. Preface

Router offers an EIA/TIA-232 asynchrony serial console port (Console, abbreviated CON port) through which user carries out the configuration of router.

Router also offers an auxiliary port (abbreviated AUX port). It is an EIA/TIA-232 standards-based asynchrony serial port through which users can back up other WAN ports. It is generally suited for dial-in mode; in the case of CON port failure, AUX port can function as CON port.

II. AUX Port

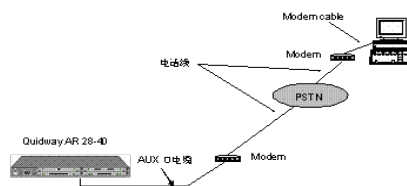
1.Introduction to Port

AUX port, a fixed port of router, can be used as the common asynchrony serial port with up to 115200bit/s. With AUX port, you can fulfill router functions such as remote configuration, line backup and maintenance.

AUX port complies with EIA/TIA-232 asynchrony serial port specification.

2.Port Cable

AUX port cable is an 8-core shielded cable. On one end, an Rj-45 plug with RS-232 level inserts in the AUX port of router; there are a DB-9(jack) plug and a DB-35(pin) plug simultaneously on the other end, which can be inserted in the DB-9 (jack) or DB-25 (Jack) of analog modem as required. Aux port cable is shown as follows:



AUX port cable

Connection of AUX port cable:

Note:

AUX port does not support hog-swappable cable.

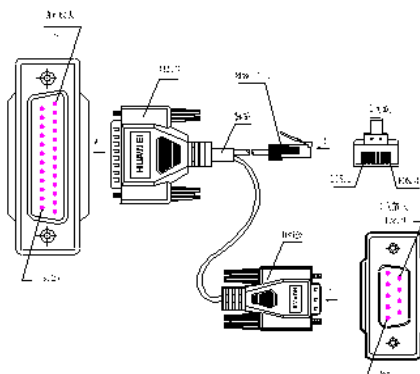
Connect AUX port cable according to the following steps:

Step 1: Insert the RJ45 side of AUX port cable in the AUX port of router;

Step 2: Connect the DB25 or DB 9 end of AUX port cable to the serial port of analog modem.

In general, AUX port is used for remote configuration or dial-in backup. Local modem is needed to connect to the peer modem through PSTN and then to the peer.

The following shows the connection:



Establish remote configuration environment through AUX port

3.Interface Attribute

AUX port attribute

Attribute	Description
Type of connector	RJ45
Interface standard	RS232
Baud rate	300~115200bps
Service	Modem dial-in Back up When console port failed, you can configure the router through the AUX port
Protocol	PPP SLIP MP