

SIC-1AM/SIC-2AM Modules of H3C Series Routers

I. Preface

From the perspective of services implementation, AM (Analog Modem) is similar to the combination of an asynchronous serial port and analog modem. Most of configuration commands for asynchronous serial port and modem can be run directly on AM interface. AM interface can be considered as a special asynchronous serial port for configuration.

AM interface fulfills the dial-in/call out function of analog dial-in users, with up to 56K bit/s rate supported (using V.90 recommendation).

II. SIC-1AM/SIC-2AM Modules

1.Introduction to Modules

SIC-1AM/SIC-2AM is the short of 1/2-port analog modem interface card, in which AM represents analog modem. SIC-1AM/SIC-2AM is designed to integrate asynchronous interface and external modem into a board, i.e. allow 1/2-way remote modem users to directly access a router. Its primary function includes:

- | 56kbps;
 - | Functions such as ringing detection, hook off, protection, 2/4 wire transformation;
- It can receive and handle analog signals, and transmit the handled data to the router host through serial port bus; or transmit the data from the host to PSTN through telephone interface after handling.

2.Module Appearance

SIC-1AM/SIC-2AM appearance is shown as follows:

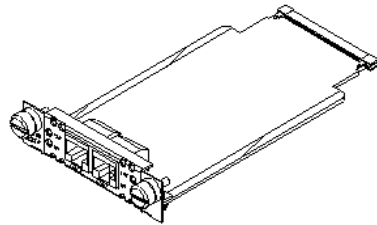


Figure 1 SIC-1A

Module appearance

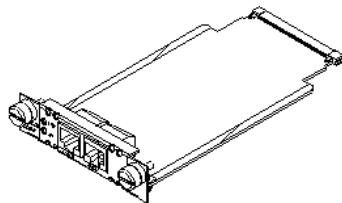


Figure 2 SIC-2A

Module appearance

3.Module Interface Attributes

The following table shows the interface attributes of SIC-1AM/SIC-2AM:

Table 1 SIC-1AM/SIC-2A

Module interface attributes

Attribute	Description
Type of connector	RJ-11
Connector number	2 (SIC-1AM has 1 LINE interface and 1 PHONE interface) 2 (SIC-2AM has 2 LINE interfaces)
Type of cable	Common line
Maximum rate	56kbps

Attribute	Description
Protocol	ITU-T V.90, K56flex, K56Plus, V.34 (33.6 kbps), V.FC, V.32 bis, V.32, V.22 bis, V.22A/B, V.23, V.21, Bell 212A a, Bell 103.
Network protocol	IP IPX
Service	Modem dial-in

4.Module Interface Cable

SIC-1AM/SIC-2AM cable uses standard analog line, with RJ-11 connectors on both sides.